

Legends Furniture, Inc.
Permit Number V99-010
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May 21, 2003

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APPENDIX A, EQUIPMENT LIST

Legends Furniture, Inc.

5555 North 51st Avenue, suite 106
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Appendix A: Equipment List
May 21, 2003

**Legends Furniture, Inc.
Permit Number V99-010
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In accordance with Maricopa County Air Pollution Control Rules and Regulations (Rules), Rule 210 § 302.2, all Conditions of this Permit are federally enforceable unless they are identified as being locally enforceable only. However, any Permit Condition identified as locally enforceable only will become federally enforceable if, during the term of this Permit, the underlying requirement becomes a requirement of the Clean Air Act (CAA) or any of the CAA's applicable requirements.

All federally enforceable terms and conditions of this Permit are enforceable by the Administrator of the United States Environmental Protection Agency (Administrator or Administrator of the USEPA hereafter) and citizens under Section 304 of the CAA.

Any cited regulatory paragraphs or section numbers refer to the version of the regulation that was in effect on the first date of public notice of the applicable Permit Condition unless specified otherwise.

GENERAL CONDITIONS:

- 1. AIR POLLUTION PROHIBITED:** [County Rule 100 §301][SIP Rule 3]
The Permittee shall not discharge from any source whatever into the atmosphere regulated air pollutants which exceed in quantity or concentration that specified and allowed in the County or State Implementation Plan (SIP) Rules, the Arizona Administrative Code (AAC) or the Arizona Revised Statutes (ARS), or which cause damage to property or unreasonably interfere with the comfortable enjoyment of life or property of a substantial part of a community, or obscure visibility, or which in any way degrade the quality of the ambient air below the standards established by the Maricopa County Board of Supervisors or the Director of the Arizona Department of Environmental Quality (ADEQ).
- 2. CIRCUMVENTION:** [County Rule 100 §104][40 CFR 60.12][40 CFR 63.4(b)]
The Permittee shall not build, erect, install, or use any article, machine, equipment, condition, or any contrivance, the use of which, without resulting in a reduction in the total release of regulated air pollutants to the atmosphere, conceals or dilutes an emission which would otherwise constitute a violation of this Permit or any Rule or any emission limitation or standard. The Permittee shall not circumvent the requirements concerning dilution of regulated air pollutants by using more emission openings than is considered normal practice by the industry or activity in question.
- 3. CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS:**
[County Rule 100 §401] [County Rule 210 §§301.7, 302.1e(1), 305.1c(1) & 305.1e]
Any application form, report, or compliance certification submitted under the County Rules or these Permit Conditions shall contain certification by a responsible official of truth, accuracy, and completeness of the application form or report as of the time of submittal. This certification and any other certification required under the County Rules or these Permit

Conditions shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

4. COMPLIANCE:

A. COMPLIANCE REQUIRED:

- 1) The Permittee must comply with all conditions of this permit and with all applicable requirements of Arizona air quality statutes and the air quality rules. Compliance with permit terms and conditions does not relieve, modify, or otherwise affect the Permittee's duty to comply with all applicable requirements of Arizona air quality statutes and the Maricopa County Air Pollution Control Regulations. Any permit non-compliance is grounds for enforcement action; for a permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application. Noncompliance with any federally enforceable requirement in this Permit constitutes a violation of the Act. [This Condition is federally enforceable if the condition or requirement itself is federally enforceable and only locally enforceable if the condition or requirement itself is locally enforceable only]

[County Rule 210 §§301.8b(4) & 302.1h(1)]

- 2) The Permittee shall halt or reduce the permitted activity in order to maintain compliance with applicable requirements of Federal laws, Arizona laws, the County Rules, or other conditions of this Permit.

[County Rule 210 §302.1h(2)]

- 3) For any major source operating in a nonattainment area for any pollutant(s) for which the source is classified as a major source, the source shall comply with reasonably available control technology (RACT) as defined in County Rule 100.

[County Rule 210 §302.1(h)(6)] [SIP Rule 220 §302.1]

Compliance with the RACT requirements of this Permit Condition for nitrogen oxides (NO_x) shall not be required if a waiver granted by the Administrator under Section 182 (f) of the Clean Air Act is in effect.

- 4) For any major source operating in a nonattainment area designated as serious for PM₁₀, for which the source is classified as a major source for PM₁₀, the source shall comply with the best available control technology (BACT), as defined in County Rule 100.

[County Rule 210 §302.1(h)(7)]

B. COMPLIANCE CERTIFICATION REQUIREMENTS:

[County Rule 210 §305.1d]

The Permittee shall file an annual compliance certification with the Control Officer and also with the Administrator of the USEPA. The report shall certify compliance with the terms and conditions contained in this Permit, including emission limitations, standards, or work practices. The certification shall be on a form supplied or approved by the Control Officer and shall include each of the following:

- 1) The identification of each term or condition of the permit that is the basis of the certification;
- 2) The compliance status;
- 3) Whether compliance was continuous or intermittent;

- 4) The method(s) used for determining the compliance status of the source, currently and over the reporting period; and
- 5) Other facts as the Control Officer may require to determine the compliance status of the source.

The annual certification shall be filed at the same time as the second semiannual monitoring report required by the Specific Condition section of these Permit Conditions and every 12 months thereafter.

- C. **COMPLIANCE PLAN:** [County Rule 210 §305.1g]
Based on the certified information contained in the application for this Permit, the facility is in compliance with all applicable requirements in effect as of the release date of the proposed conditions for this Permit. The Permittee shall continue to comply with all applicable requirements and shall meet any applicable requirements that may become effective during the term of this permit on a timely basis. [This Condition is federally enforceable if the applicable requirement itself is federally enforceable and only locally enforceable if the applicable requirement itself is locally enforceable only]

5. **CONFIDENTIALITY CLAIMS:** [County Rule 100 §402] [County Rule 200 §411]
Any records, reports or information obtained from the Permittee under the County Rules or this Permit shall be available to the public, unless the Permittee files a claim of confidentiality in accordance with ARS §49-487(c) which:
- A. precisely identifies the information in the permit(s), records, or reports which is considered confidential, and
 - B. provides sufficient supporting information to allow the Control Officer to evaluate whether such information satisfies the requirements related to trade secrets or, if applicable, how the information, if disclosed, could cause substantial harm to the person's competitive position.
- The claim of confidentiality is subject to the determination by the Control Officer as to whether the claim satisfies the claim for trade secrets.

A claim of confidentiality shall not excuse the Permittee from providing any and all information required or requested by the Control Officer and shall not be a defense for failure to provide such information.

If the Permittee submits information with an application under a claim of confidentiality under ARS 49-487 and County Rule 200, the Permittee shall submit a copy of such information directly to the Administrator of the USEPA.

[County Rule 210 §301.5]

6. **CONTINGENT REQUIREMENTS:**

NOTE: This Permit Condition covers activities and processes addressed by the CAA which may or may not be present at the facility. This condition is intended to meet the requirements of both Section 504(a) of the 1990 Amendments to the CAA, which requires that Title V permits contain conditions necessary to assure compliance with applicable requirements of the Act as well as the Acid Rain provisions required to be in all Title V permits.

- A. ACID RAIN: [County Rule 210 §§302.1b(2) & 302.1f][County Rule 371 §301]
- 1). Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the CAA and incorporated under County Rule 371, both provisions shall be incorporated into this Permit and shall be enforceable by the Administrator.
 - 2) The Permittee shall not allow emissions exceeding any allowances that the source lawfully holds under Title IV of the CAA or the regulations promulgated thereunder and incorporated under County Rule 371.
 - a) No permit revision shall be required for increases in emissions that are authorized by allowances acquired under the acid rain program and incorporated under County Rule 371, provided that such increases do not require a permit revision under any other applicable requirement.
 - b) No limit is placed on the number of allowances held by the Permittee. The Permittee may not, however, use allowances as a defense to non-compliance with any other applicable requirement.
 - c) Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the CAA.
 - d) All of the following prohibitions apply to any unit subject to the provisions of Title IV of the CAA and incorporated into this Permit under County Rule 371:
 - (1) Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide held by the owners or operators of the unit or the designated representative of the owners or operators.
 - (2) Exceedances of applicable emission rates.
 - (3) The use of any allowance prior to the year for which it was allocated.
 - (4) Violation of any other provision of the permit.
- B. ASBESTOS: [40 CFR 61, Subpart M][County Rule 370 §301.8 - locally enforceable only]
The Permittee shall comply with the applicable requirements of Sections 61.145 through 61.147 and 61.150 of the National Emission Standard for Asbestos and County Rule 370 for all demolition and renovation projects.
- C. RISK MANAGEMENT PLAN (RMP): [40 CFR 68]
Should this stationary source, as defined in 40 CFR 68.3, be subject to the accidental release prevention regulations in 40 CFR Part 68, then the Permittee shall submit an RMP by the date specified in 40 CFR Section 68.10 and shall certify compliance with the requirements of 40 CFR Part 68 as part of the annual compliance certification as required by 40 CFR Part 70. However, neither the RMP nor modifications to the RMP shall be considered to be a part of this Permit.
- D. STRATOSPHERIC OZONE PROTECTION: [40 CFR 82 Subparts E, F, and G]
If applicable, the Permittee shall follow the requirements of 40 CFR 82.106 through 82.124 with respect to the labeling of products using ozone-depleting substances.

If applicable, the Permittee shall comply with all of the following requirements with respect to recycling and emissions reductions:

- 1) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices under 40 CFR 82.156.
- 2) Equipment used during maintenance, service, repair, or disposal of appliances must meet the standards for recycling and recovery equipment in accordance with 40 CFR 82.158.
- 3) Persons performing maintenance, service, repair, or disposal of appliances must be certified by a certified technician under 40 CFR 82.161.

If applicable, the Permittee shall follow the requirements of 40 CFR 82 Subpart G, including all Appendices, with respect to the safe alternatives policy on the acceptability of substitutes for ozone-depleting compounds.

7. DUTY TO SUPPLEMENT OR CORRECT APPLICATION: [County Rule 210 §301.6]

If the Permittee fails to submit any relevant facts or has submitted incorrect information in a permit application, the Permittee shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, the Permittee shall provide additional information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to release of a proposed permit.

8. EMERGENCY EPISODES: [County Rule 600 §302] [SIP Rule 72.A.5. e, f & g]

If an air pollution alert, warning, or emergency has been declared, the Permittee shall comply with any applicable requirements of County Rule 600 §302.

9. EMERGENCY PROVISIONS: [County Rule 130 §§201 & 402]

An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, that require immediate corrective action to restore normal operation, and that cause the source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

An emergency constitutes an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the requirements of this Permit Condition are met.

The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- A. An emergency occurred and that the Permittee can identify the cause or causes of the emergency;
- B. At the time of the emergency, the permitted source was being properly operated;
- C. During the period of the emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in this permit; and
- D. The Permittee as soon as possible telephoned the Control Officer, giving notice of the emergency, and submitted notice of the emergency to the Control Officer by certified mail, facsimile, or hand delivery within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice fulfills the requirement

of County Rule 210 §302.1.e(2) with respect to deviation reporting. This notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective action taken.

In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

This provision is in addition to any emergency or upset provision contained in any applicable requirement.

10. EXCESS EMISSIONS: [County Rule 140 §§103, 401 & 402][locally enforceable only]

NOTE: This Permit Condition is based on a County Rule which has not been approved as part of the State Implementation Plan and is therefore applicable only at the County level.

There are reporting requirements associated with excess emissions. These requirements are contained in the Reporting section of the General Permit Conditions in a subparagraph called Excess Emissions. The definition of excess emissions can be found in County Rule 100 §200.

A. Exemptions: The excess emissions provisions of this Permit Condition do not apply to the following standards and limitations:

- 1) Promulgated pursuant to Section 111 (Standards Of Performance for New Stationary Sources) of the Clean Air Act (Act) or Section 112 (National Emission Standards For Hazardous Air Pollutants) of the Act;
- 2) Promulgated pursuant to Title IV (Acid Deposition Control) of the Act or the regulations promulgated thereunder and incorporated under Rule 371 (Acid Rain) of these rules or Title VI (Stratospheric Ozone Protection) of the Act;
- 3) Contained in any Prevention Of Significant Deterioration (PSD) or New Source Review (NSR) permit issued by the Environmental Protection Agency (EPA);
- 4) Included in a permit to meet the requirements of Rule 240 (Permit Requirements For New Major Sources And Major Modifications To Existing Major Sources), Subsection 308.1(e) (Permit Requirements For Sources Located In Attainment And Unclassified Areas) of these rules.

B. Affirmative Defense For Malfunctions: Emissions in excess of an applicable emission limitation due to malfunction shall constitute a violation. The owner and/or operator of a source with emissions in excess of an applicable emission limitation due to malfunction has an affirmative defense to a civil or administrative enforcement proceeding based on that violation, other than a judicial action seeking injunctive relief, if the owner and/or operator of the source has complied with the excess emissions reporting requirements of these Permit Conditions and has demonstrated all of the following:

- 1) The excess emissions resulted from a sudden and unavoidable breakdown of the process equipment or the air pollution control equipment beyond the reasonable control of the operator;
- 2) The source's air pollution control equipment, process equipment, or processes were at all times maintained and operated in a manner consistent with good practice for minimizing emissions;
- 3) If repairs were required, the repairs were made in an expeditious fashion when the applicable emission limitations were being exceeded. Off-shift labor and

overtime were utilized where practicable to ensure that the repairs were made as expeditiously as possible. If off-shift labor and overtime were not utilized, then the owner and/or operator satisfactorily demonstrated that such measures were impractical;

- 4) The amount and duration of the excess emissions (including any bypass operation) were minimized to the maximum extent practicable during periods of such emissions;
- 5) All reasonable steps were taken to minimize the impact of the excess emissions on ambient air quality;
- 6) The excess emissions were not part of a recurring pattern indicative of inadequate design, operation, or maintenance;
- 7) During the period of excess emissions, there were no exceedances of the relevant ambient air quality standards established in County Rule 510 that could be attributed to the emitting source;
- 8) The excess emissions did not stem from any activity or event that could have been foreseen and avoided, or planned, and could not have been avoided by better operations and maintenance practices;
- 9) All emissions monitoring systems were kept in operation, if at all practicable; and
- 10) The owner's and/or operator's actions in response to the excess emissions were documented by contemporaneous records.

C. Affirmative Defense For Startup And Shutdown:

- 1) Except as provided in paragraph 2) below, and unless otherwise provided for in the applicable requirement, emissions in excess of an applicable emission limitation due to startup and shutdown shall constitute a violation. The owner and/or operator of a source with emissions in excess of an applicable emission limitation due to startup and shutdown has an affirmative defense to a civil or administrative enforcement proceeding based on that violation, other than a judicial action seeking injunctive relief, if the owner and/or operator of the source has complied with the excess emissions reporting requirements of these Permit Conditions and has demonstrated all of the following:
 - a. The excess emissions could not have been prevented through careful and prudent planning and design;
 - b. If the excess emissions were the result of a bypass of control equipment, the bypass was unavoidable to prevent loss of life, personal injury, or severe damage to air pollution control equipment, production equipment, or other property;
 - c. The source's air pollution control equipment, process equipment, or processes were at all times maintained and operated in a manner consistent with good practice for minimizing emissions;
 - d. The amount and duration of the excess emissions (including any bypass operation) were minimized to the maximum extent practicable, during periods of such emissions;
 - e. All reasonable steps were taken to minimize the impact of the excess emissions on ambient air quality;
 - f. During the period of excess emissions, there were no exceedances of the relevant ambient air quality standards established in County Rule 510 (Air Quality Standards) that could be attributed to the emitting source;

- g. All emissions monitoring systems were kept in operation, if at all practicable; and
 - h. The owner's and/or operator's actions in response to the excess emissions were documented by contemporaneous records.
 - 2) If excess emissions occur due to a malfunction during routine startup and shutdown, then those instances shall be treated as other malfunctions subject to paragraph A. of this Permit Condition.
 - D. **Affirmative Defense For Malfunctions During Scheduled Maintenance:** If excess emissions occur due to malfunction during scheduled maintenance, then those instances will be treated as other malfunctions subject to paragraph A. of this Permit Condition.
 - E. **Demonstration Of Reasonable And Practicable Measures:** For an affirmative defense under paragraphs A and B of this Permit Condition, the owner and/or operator of the source shall demonstrate, through submission of the data and information required by this Permit Condition and the excess emissions reporting requirements of these Permit Conditions, that all reasonable and practicable measures within the owner's and/or operator's control were implemented to prevent the occurrence of the excess emissions.
- 11. **FEES:** [County Rule 200 §409][County Rule 210 §§302.1i & 401]
The Permittee shall pay fees to the Control Officer under ARS 49-480(D) and County Rule 280.
- 12. **MODELING:** [County Rule 200 §407][locally enforceable only]
Where the Control Officer requires the Permittee to perform air quality impact modeling, the Permittee shall perform the modeling in a manner consistent with the "Guideline on Air Quality Models (Revised)" (EPA-450/2-78-027R, U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, Research Triangle Park, N.C. 27711, July 1986) and "Supplement B to the Guideline on Air Quality Models" (U.S. Environmental Protection Agency, September 1990). Both documents shall be referred to hereinafter as "Guideline", and are adopted by reference. Where the person can demonstrate that an air quality impact model specified in the guideline is inappropriate, the model may be modified or another model substituted if found to be acceptable to the Control Officer.
- 13. **MONITORING / TESTING:**
 - A. The Permittee shall monitor, sample, or perform other studies to quantify emissions of regulated air pollutants or levels of air pollution that may reasonably be attributable to the facility if required to do so by the Control Officer, either by Permit or by order in accordance with County Rule 200 §309.
[County Rule 200 §309] [SIP Rule 41]
 - B. Except as otherwise specified in these Permit Conditions or by the Control Officer, the Permittee shall conduct required testing used to determine compliance with standards or permit conditions established under the County or SIP Rules or these Permit Conditions in accordance with County Rule 270 and the applicable testing procedures

contained in the applicable Rule, the Arizona Testing Manual for Air Pollutant Emissions or other approved USEPA test methods.

[County Rule 200 §408][County Rule 210 §302.1.c][County Rule 270 §§300 & 400]
[SIP Rule 27]

C. The owner or operator of a permitted source shall provide, or cause to be provided, performance testing facilities as follows:

- 1) Sampling ports adequate for test methods applicable to such source.
- 2) Safe sampling platform(s).
- 3) Safe access to sampling platforms(s).
- 4) Utilities for sampling and testing equipment.

[County Rule 270 §405][SIP Rule 42]

14. PERMITS:

A. BASIC:

[County Rule 210 §302.1h(3)]

This Permit may be revised, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a permit revision, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any Permit Condition.

B. DUST CONTROL PLAN REQUIREMENTS:

(NOTE: If the Permittee engages in or allows any routine dust generating activities at the facility, the Permittee shall apply to have the routine dust generating activity covered as part of this Permit. Nonroutine activities, such as construction and revegetation, require a separate Earthmoving Permit that must be obtained from the Control Officer before the activity may begin.)

- 1) The Permittee must first submit a Dust Control Plan and obtain the Control Officer's approval of the Dust Control Plan before commencing any routine dust generating operation.

[County Rule 310 §303.3] [SIP Rule 310 §303.3]

- 2) A Dust Control Plan shall not be required to play on a ball field and/or for landscape maintenance. For the purpose of this Permit Condition, landscape maintenance does not include grading, trenching, nor any other mechanized surface disturbing activities.

[County Rule 200 §305] [County Rule 310 §303.4] [SIP Rule 310 §303.4]

- 3) Any Dust Control Plan shall, at a minimum, contain all the information described in Section 304 of Rule 310.

[County Rule 310 §304] [SIP Rule 310 §304]

- 4) Regardless of whether an approved Dust Control Plan is in place or not, the Permittee is still subject to all requirements of Rule 310 at all times

[County Rule 310 §303] [SIP Rule 310 §303]

C. PERMITS AND PERMIT CHANGES, AMENDMENTS AND REVISIONS:

[County Rule 200 §§301 & 308] [County Rule 210 §§301.4a, b, c, & 400]

- 1) The Permittee shall comply with the Administrative Requirements of Section 400 of County Rule 210 for all changes, amendments and revisions at the facility for any source subject to regulation under County Rule 200, shall comply with all required time frames, and shall obtain any required preapproval from the

Control Officer before making changes. All applications shall be filed in the manner and form prescribed by the Control Officer. The application shall contain all the information necessary to enable the Control Officer to make the determination to grant or to deny a permit or permit revision including information listed in County Rule 200 §§308 and County Rule 210 §§301 & 302.3.

- 2) The Permittee shall supply a complete copy of each application for a permit, a minor permit revision, or a significant permit revision directly to the Administrator of the USEPA. The Control Officer may require the application information to be submitted in a computer-readable format compatible with the Administrator's national database management system.

[County Rule 210 §§303.1a, 303.2, 405.4, & 406.4]

- 3) While processing an application, the Control Officer may require the applicant to provide additional information and may set a reasonable deadline for a response.

[County Rule 210 §301.4f]

- 4) No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.

[County Rule 210 §302.1j]

D. POSTING:

- 1) The Permittee shall keep a complete permit clearly visible and accessible on the site where the equipment is installed.

[County Rule 200 §311] [SIP Rule 22F]

- 2) If a Dust Control Plan, as required by Rule 310, has been approved by the Control Officer, the Permittee shall post a copy of the approved Dust Control Plan in a conspicuous location at the work site, within on-site equipment, or in an on-site vehicle, or shall otherwise keep a copy of the Dust Control Plan available on site at all times.

[County Rule 310 §401] [SIP Rule 310 §401]

E. PROHIBITION ON PERMIT MODIFICATION:

[County Rule 200 §310]

The Permittee shall not willfully deface, alter, forge, counterfeit, or falsify this permit.

F. RENEWAL:

[County Rule 210 §§301 & 302]

- 1) The Permittee shall submit an application for the renewal of this Permit in a timely and complete manner. For purposes of permit renewal, a timely application is one that is submitted at least six months, but not more than 18 months, prior to the date of permit expiration. A complete application shall contain all of the information required by the County Rules including Rule 200 §308 and Rule 210 §§301 & 302.3.

[County Rule 210 §§301.2a, 301.4a, b, c, d, h & 302.3]

- 2) The Permittee shall file all permit applications in the manner and form prescribed by the Control Officer. To apply for a permit renewal, the Permittee shall complete the "Standard Permit Application Form" and shall supply all

information, including the information required by the "Filing Instructions" as shown in Appendix B of the County Rules, which is necessary to enable the Control Officer to make the determination to grant or to deny a permit which shall contain such terms and conditions as the Control Officer deems necessary to assure a source's compliance with the requirements of the CAA, ARS and County Rules.

[County Rule 200 §§308 & 309] [County Rule 210 §301.1]

- 3) The Control Officer may require the Permittee to provide additional information and may set a reasonable deadline for a response.

[County Rule 210 §301.4f]

- 4) If the Permittee submits a timely and complete application for a permit renewal, but the Control Officer has failed to issue or deny the renewal permit before the end of the term of the previous permit, then the permit shall not expire until the renewal permit has been issued or denied. This protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit, by the deadline specified by the Control Officer, any additional information identified as being needed to process the application.

[County Rule 200 §403.2] [County Rule 210 §§301.4f & 301.9]

G. REVISION / REOPENING / REVOCATION:

- 1) This permit shall be reopened and revised to incorporate additional applicable requirements adopted by the Administrator pursuant to the CAA that become applicable to the facility if this permit has a remaining permit term of three or more years. No such reopening is required if the effective date of the requirement is later than the date on which this Permit is due to expire unless the original permit or any of its terms have been extended pursuant to Rule 200 §403.2.

[County Rules 200 §402.1]

Any permit revision required under this Permit Condition, 14.G.1, shall reopen the entire permit and shall comply with provisions in County Rule 200 for permit renewal (*Note: this includes a facility wide application and public comment on the entire permit*) and shall reset the five year permit term.

[County Rules 200 §402.1a(1) & 210 §302.5]

- 2) This permit shall be reopened and revised under any of the following circumstances:
 - a) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the Title V permit.
 - b) The Control Officer or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
 - c) The Control Officer or the Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

Proceedings to reopen and issue a permit under this Permit Condition, 14.G.2, shall follow the same procedures as apply to initial permit issuance and shall effect only those parts of the Permit for which cause to reopen exists.

[County Rule 200 §402.1]

- 3) This permit shall be reopened by the Control Officer and any permit shield revised, when it is determined that standards or conditions in the permit are based on incorrect information provided by the applicant.

[County Rule 210 §407.3]

- 4) This Permit may be revised, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Permit revision, revocation and reissuance, or termination or of a notification of planned changes or anticipated noncompliance does not stay any Permit Condition.

[County Rule 210 §302.1h(3)]

H. REVISION UNDER A FEDERAL HAZARDOUS AIR POLLUTANT STANDARD:

[County Rule 210 §301.2c] [locally enforceable only]

If the Permittee becomes subject to a standard promulgated by the Administrator under Section 112(d) of the CAA, the Permittee shall, within 12 months of the date on which the standard is promulgated, submit an application for a permit revision demonstrating how the source will comply with the standard.

I. REQUIREMENTS FOR A PERMIT:

- 1) Air Quality Permit: Except as noted under the provisions in Sections 403 and 405 of County Rule 210, no source may operate after the time that it is required to submit a timely and complete application, except in compliance with a permit issued under County Rule 210. Permit expiration terminates the Permittee's right to operate. However, if a source submits a timely and complete application, as defined in County Rule 210 §301, for permit issuance, revision, or renewal, the source's failure to have a permit is not a violation of the County Rules until the Control Officer takes final action on the application. The Source's ability to operate without a permit as set forth in this paragraph shall be in effect from the date the application is determined to be complete until the final permit is issued. This protection shall cease to apply if, subsequent to the completeness determination, the applicant fails to submit, by the deadline specified in writing by the Control Officer, any additional information identified as being needed to process the application. If a source submits a timely and complete application for a permit renewal, but the Control Officer has failed to issue or deny the renewal permit before the end of the term of the previous permit, then the permit shall not expire until the permit renewal has been issued or denied.

[County Rule 210 §301.9]

- 2) Earthmoving Permit:

(NOTE: If the Permittee engages in or allows any routine dust generating activities at the facility, the Permittee shall apply to have the routine dust generating activity covered as part of this Permit. Non-routine activities, such as construction and revegetation, require a separate Earthmoving Permit that must be obtained from the Control Officer before the activity may begin.)

No person shall commence any earth moving operation or any dust generating operation without meeting the requirements of and obtaining any and all Earth Moving Equipment Permits and Permits to Operate required by County Rule 200. The provisions of this section shall not apply:

- a) During emergency, life threatening situations or in conjunction with any officially declared disaster or state of emergency;
- b) To operations conducted by essential service utilities to provide electricity, natural gas, oil and gas transmission, cable television, telephone, water, and sewerage during service outages and emergency disruptions;
- c) To non-routine or emergency maintenance of flood control channels and water retention basins.
- d) To vehicle test and development facilities and operations when dust is required to test and validate design integrity, product quality and/or commercial acceptance. Such facilities and operations shall be exempted from the provisions of this section only if such testing is not feasible within enclosed facilities.

[County Rule 310 §302] [SIP Rule 310 §302]

The Permittee shall not cause, commence, suffer, allow, or engage in any earthmoving operation that disturbs a total surface area of 0.10 acre or more without first obtaining a permit from the Control Officer. Permits shall not be required for earthmoving operations for emergency repair of utilities, paved roads, unpaved roads, shoulders, and/or alleys.

[County Rule 200 §305]

- 3) Burn Permit: The Permittee shall obtain a Permit To Burn from the Control Officer before conducting any open outdoor fire except for the activities listed in County Rule 314 §§302.1 and 302.2.

[County Rule 314][County Rule 200 §306][SIP Rule 314]

- J. RIGHTS AND PRIVILEGES: [County Rule 210 §302.1h (4)]
This Permit does not convey any property rights nor exclusive privilege of any sort.

- K. SEVERABILITY: [County Rule 210 §302.1g]
The provisions of this Permit are severable, and, if any provision of this Permit is held invalid, the remainder of this Permit shall not be affected thereby.

- L. SCOPE:
The issuance of any permit or permit revision shall not relieve the Permittee from compliance with any Federal laws, Arizona laws, or the County or SIP Rules, nor does any other law, regulation or permit relieve the Permittee from obtaining a permit or permit revision required under the County Rules.

[County Rule 200 §308] [SIP Rule 22H]

Nothing in this permit shall alter or affect the following:

- 1) The provisions of Section 303 of the Act (Emergency Orders), including the authority of the Administrator of the USEPA under that section.
- 2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of permit issuance.

- 3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act.
- 4) The ability of the Administrator of the USEPA or of the Control Officer to obtain information from the Permittee under Section 114 of the Act, or any provision of State law.
- 5) The authority of the Control Officer to require compliance with new applicable requirements adopted after the permit is issued. [locally enforceable only]
[County Rule 210 §407.2]

M. TERM OF PERMIT: [County Rule 210 §§302.1a & 402]
This Permit shall remain in effect for no more than 5 years from the date of issuance.

N. TRANSFER: [County Rule 200 §404]
Except as provided in ARS 49-429 and County Rule 200, this permit may be transferred to another person if the Permittee gives notice to the Control Officer in writing at least 30 days before the proposed transfer and complies with the permit transfer requirements of County Rule 200 and the administrative permit amendment procedures under County Rule 210.

15. RECORDKEEPING:

A. RECORDS REQUIRED:

[County Rule 100 §501][County Rule 310 §502][SIP Rule 40 A]

The Permittee shall maintain records of all emissions testing and monitoring, records detailing all malfunctions which may cause any applicable emission limitation to be exceeded, records detailing the implementation of approved control plans and compliance schedules, records required as a condition of any permit, records of materials used or produced, and any other records relating to the emission of air contaminants which may be requested by the Control Officer.

B. RETENTION OF RECORDS:

Unless a longer time frame is specified by these Permit Conditions, information and records required by applicable requirements and copies of summarizing reports recorded by the Permittee and submitted to the Control Officer shall be retained by the Permittee for 5 years after the date on which the information is recorded or the report is submitted

[County Rule 100 §504] [SIP Rule 40 C]

The Permittee shall retain records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

[County Rule 210 §§302.1d(2)]

C. MONITORING RECORDS: [County Rule 210 §§302.1d(1) & 305.1b(1)]

Records of any monitoring required by this Permit shall include the following:

- 1) The date, place as defined in the permit, and time of sampling or measurements;
- 2) The date(s) analyses were performed;
- 3) The name of the company or entity that performed the analysis;

- 4) The analytical techniques or methods used;
- 5) The results of such analysis; and
- 6) The operating conditions as existing at the time of sampling or measurement.

D. RIGHT OF INSPECTION OF RECORDS: [County Rule 100 §106]
[SIP Rule 40 D]

When the Control Officer has reasonable cause to believe that the Permittee has violated or is in violation of any provision of County Rule 100 or any County Rule adopted under County Rule 100, or any requirement of this permit, the Control Officer may request, in writing, that the Permittee produce all existing books, records, and other documents evidencing tests, inspections, or studies which may reasonably relate to compliance or noncompliance with County Rules adopted under County Rule 100. No person shall fail nor refuse to produce all existing documents required in such written request by the Control Officer.

16. REPORTING:

NOTE: See the Permit Condition titled Certification Of Truth, Accuracy and Completeness in conjunction with reporting requirements.

A. ANNUAL EMISSION INVENTORY REPORT: [County Rule 100 §505][SIP Rule 40 B]

Upon request of the Control Officer and as directed by the Control Officer, the Permittee shall complete and shall submit to the Control Officer an annual emissions inventory report. The report is due by April 30, or 90 days after the Control Officer makes the inventory form(s) available, whichever occurs later.

The annual emissions inventory report shall be in the format provided by the Control Officer.

The Control Officer may require submittal of supplemental emissions inventory information forms for air contaminants under ARS §49-476.01, ARS §49-480.03 and ARS §49-480.04.

B. DATA REPORTING: [County Rule 100 §502]

When requested by the Control Officer, the Permittee shall furnish to the Maricopa County Air Quality Division (Division hereafter) information to locate and classify air contaminant sources according to type, level, duration, frequency, and other characteristics of emissions and such other information as may be necessary. This information shall be sufficient to evaluate the effect on air quality and compliance with the County or SIP Rules. The Permittee may subsequently be required to submit annually, or at such intervals specified by the Control Officer, reports detailing any changes in the nature of the source since the previous report and the total annual quantities of materials used or air contaminants emitted.

C. DEVIATION REPORTING: [County Rule 210 §§302.1e & 305.1c]

The Permittee shall promptly report deviations from permit requirements, including those attributable to upset conditions. Unless specified otherwise elsewhere in these Permit Conditions, an upset for the purposes of this Permit Condition shall be defined as the operation of any process, equipment or air pollution control device outside of

either its normal design criteria or operating conditions specified in this Permit and which results in an exceedance of any applicable emission limitation or standard. The Permittee shall submit the report to the Control Officer by certified mail, facsimile, or hand delivery within 2 working days from knowledge of the deviation. The report shall contain a description of the probable cause of such deviations and any corrective actions or preventive measures taken. In addition, the Permittee shall report within a reasonable time of any long-term corrective actions or preventative actions taken as the result of any deviations from permit requirements.

All instances of deviations from the requirements of this Permit shall also be clearly identified in the semiannual monitoring reports required in the Specific Condition section of these Permit Conditions.

D. EMERGENCY REPORTING: [County Rule 130 §402.4]

(NOTE: Emergency Reporting is one of the special requirements which must be met by a Permittee wishing to claim an affirmative defense under the emergency provisions of County Rule 130. These provisions are listed earlier in these General Conditions in the section titled "Emergency Provisions". Since it is a form of deviation reporting, the filing of an emergency report also satisfies the requirement of County Rule 210 to file a deviation report.)

The Permittee shall, as soon as possible, telephone the Control Officer giving notice of the emergency, and submitted notice of the emergency to the Control Officer by certified mail, facsimile, or hand delivery within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective action taken.

E. EMISSION STATEMENTS REQUIRED AS STATED IN THE ACT:

[County Rule 100 §503]

Upon request of the Control Officer and as directed by the Control Officer, the Permittee shall provide the Control Officer with an emission statement, in such form as the Control Officer prescribes, showing measured actual emissions or estimated actual emissions of NO_x and volatile organic compounds (VOC) from that source. At a minimum, the emission statement shall contain all information contained in the "Guidance on Emission Statements" document as described in the USEPA's Aerometric Information Retrieval System (AIRS) Fixed Format Report (AFP 644). The statement shall contain emissions for the time period specified by the Control Officer. Statements shall be submitted annually.

F. EXCESS EMISSIONS REPORTING:

[County Rule 140 §500][locally enforceable only]

(NOTE: This reporting subsection is associated with the requirements listed earlier in these General Conditions in the section titled "Excess Emissions".)

- 1) The owner and/or operator of any source shall report to the Control Officer any emissions in excess of the limits established by the County or SIP Rules or by these Permit Conditions. The report shall be in two parts as specified below:
 - a) Notification by telephone or facsimile within 24 hours of the time when the owner and/or operator first learned of the occurrence of excess emissions

that includes all available information from paragraph 2) of this Permit Condition.

- b) Detailed written notification by submission of an excess emissions report within 72 hours of the notification required by paragraph 1) a) of this Permit Condition.

- 2) The excess emissions report shall contain the following information:
 - a) The identity of each stack or other emission point where the excess emissions occurred;
 - b) The magnitude of the excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the magnitude of the excess emissions;
 - c) The time and duration or expected duration of the excess emissions;
 - d) The identity of the equipment from which the excess emissions emanated;
 - e) The nature and cause of such emissions;
 - f) The steps taken, if the excess emissions were the result of a malfunction, to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunctions;
 - g) The steps that were or are being taken to limit the excess emissions; and
 - h) If this Permit contains procedures governing source operation during periods of startup or malfunction and the excess emissions resulted from startup or malfunction, a list of the steps taken to comply with the Permit procedures.
- 3) In the case of continuous or recurring excess emissions, the notification requirements of this Permit Condition shall be satisfied if the source provides the required notification after excess emissions are first detected and includes in the notification an estimate of the time the excess emissions will continue. Excess emissions occurring after the estimated time period or changes in the nature of the emissions as originally reported shall require additional notification pursuant to paragraphs 1) and 2) of this Permit Condition.

- G. OTHER REPORTING: [County Rule 210 §302.1h(5)]
The Permittee shall furnish to the Control Officer, within a reasonable time, any information that the Control Officer may request in writing to determine whether cause exists for revising, revoking and reissuing this permit, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to the Control Officer copies of records required to be kept by this Permit. For information claimed to be confidential, the Permittee shall furnish a copy of such records directly to the Administrator of the USEPA along with a claim of confidentiality as covered elsewhere in these Permit Conditions.

17. RIGHT TO ENTRY AND INSPECTION OF PREMISES:

[County Rule 100 §105][County Rule 210 §305.1f][SIP Rule 43]

The Control Officer, during reasonable hours, for the purpose of enforcing and administering County Rules or any provision of ARS relating to the emission or control prescribed pursuant thereto, may enter every building, premises, or other place, except the interior of structures used as private residences. Every person is guilty of a petty offense under ARS §49-488 who

Legends Furniture, Inc.

5555 North 51st Avenue, suite 106

Permit Number V99-010

Appendix A: Equipment List

May 21, 2003

in any way denies, obstructs or hampers such entrance or inspection that is lawfully authorized by warrant.

The Permittee shall allow the Control Officer or his authorized representative, upon presentation of proper credentials and other documents as may be required by law, to:

- A. Enter upon the Permittee's premises where a source is located or emissions-related activity is conducted, or where records are required to be kept under the conditions of the permit;
- B. Have access to and copy, at reasonable times, any records that are required to be kept under the conditions of the permit;
- C. Inspect, at reasonable times, any sources, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- D. Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements; and
- E. To record any inspection by use of written, electronic, magnetic, and photographic media.

[Locally enforceable only]

SPECIFIC CONDITIONS:

18. ALLOWABLE EMISSIONS LIMITATIONS

The allowable emission limitations of these Permit Conditions are based upon the facility as presently constructed and operated. They do not provide for facility changes or changes in the method of operation that would otherwise trigger new applicable requirements including New Source Review (NSR) or Best Available Control Technology (BACT).

Facility-Wide Requirements

- 1) The Permittee shall not cause, allow, or permit emissions in excess of the monthly and 12 month rolling limits shown in Table 1, below.

[County Rule 210 §302.1b][County Rule 100 §§200.16 and 200.50]

Table 1: Facility-Wide Emissions Limits

	Monthly Emission Limits	*Rolling 12 - Month Emission Limits
Total Volatile Organic Compounds (VOCs)	10 tons	98 tons
PM ₁₀	1.1 ton	12 tons
Any Single Hazardous Air Pollutant (HAP)	0.5 ton	4.5 tons
Total Hazardous Air Pollutants (HAPs)	1 ton	10 tons

* See Monitoring and Recordkeeping Requirements for the calculation methodology.

- 2) Particulate Matter Limits

Woodworking Equipment

The Permittee shall not discharge or cause or allow the discharge of particulate matter into the ambient air from any affected operation in excess of the allowable hourly emission rate determined by the following equation:

$$E = 3.59 P^{0.62}$$

Where:

E = Emissions in pounds per hour, and

P = Process weight rate in tons per hour.

[County Rule 311 §301.1][SIP Rule 301.1]

The total process weight from all similar operations at a facility, plant or premises shall be used for determining the maximum allowable emissions of particulate matter.

[County Rule 311 §302][SIP Rule 311 §302]

- 3) Opacity Limits

- a) The Permittee shall not discharge into the ambient air from any single source of emissions any air contaminant, other than uncombined water, in excess of 20 percent opacity, except as provided in County Rule 300 §302.
[County Rule 300 §§301 and 302][locally enforceable only]
- b) Except as otherwise provided in Regulation I, Rule 4, Exceptions, the opacity of any plume or effluent from any source of emissions, other than uncombined water, shall not be greater than 40 percent opacity as determined by Reference Method 9 in the Arizona Testing Manual.
[SIP Rule 30]

19. OPERATIONAL LIMITATIONS AND STANDARDS

A. Facility-Wide Operational Requirements

- 1) The Permittee shall not emit gaseous or odorous air contaminants from equipment, operations or premises under his control in such quantities or concentrations as to cause air pollution.
[County Rule 320 §300][locally enforceable only]
- 2) Materials including, but not limited to, solvents or other volatile compounds, paints, acids, alkalis, pesticides, fertilizer and manure shall be processed, stored, used and transported in such a manner and by such means that they will not unreasonably evaporate, leak, escape or be otherwise discharged into the ambient air so as to cause or contribute to air pollution. Where means are available to reduce effectively the contribution to air pollution from evaporation, leakage or discharge, the installation and use of such control methods, devices or equipment shall be mandatory.
[County Rule 320 §302][SIP Rule 32C]
- 3) Where a stack, vent or other outlet is at such a level that air contaminants are discharged to adjoining property, the Control Officer may require the installation of abatement equipment or the alteration of such stack, vent, or other outlet to a degree that will adequately dilute, reduce or eliminate the discharge of air contaminants to adjoining property.
[County Rule 320 §303][SIP Rule 32D]
- 4) The Permittee shall burn only natural gas, propane and butane in the fuel burning equipment listed in the equipment list of these permit conditions.
[County Rule 210 §302.1b][County Rule 100 §§200.16 and 200.50]

B. Operational Requirements for Woodworking Equipment Vented Outdoors

The Permittee shall install, operate and maintain an approved emission control device on all wood working equipment vented outdoors. Such woodworking equipment shall be vented to the device without bypass.

[County Rule 241§302] [County Rule 210 §302.1b]

C. Operational Requirements for Baghouses

[County Rule 311 §306][SIP Rule 311 §306]
[County Rule 210 §§ 302.1.c and e]

- 1) The Permittee shall operate and maintain each baghouse in accordance with the requirements of the Operations and Maintenance (O&M) Plan for that piece of equipment most recently approved in writing by the control officer.
- 2) Measurement of a pressure differential outside of the applicable parametric range prescribed by the Operations and Maintenance (O&M) Plan most recently submitted in writing by the Control Officer, shall require the Permittee to investigate and take corrective action if necessary to bring the control device into proper operation.

D. Operational Requirements for Spray Coating Equipment

- 1) The Permittee shall not use or operate any spray painting or spray coating equipment unless one of the following conditions is met:
 - a) The Permittee shall not operate spray coating equipment outside of a building unless it is operated inside an enclosure which has at least three sides a minimum of eight feet in height and able to contain any object(s) being coated.
 - (1) For three-sided enclosures, the Permittee shall direct the spray in a horizontal or downward pointing manner so that overspray is directed at the walls or floor of the enclosure. No spraying shall be conducted within three feet of any open end and/or within two feet of the top of the enclosure.
 - (2) For enclosures with three sides and a roof, or for complete enclosures, the Permittee shall direct the spray into the enclosure so that the overspray is directed away from any opening in the enclosure. No spraying shall be conducted within three feet of any open end and/or within two feet of any open top of the enclosure.

[County Rule 315 §301][locally enforceable only]
 - b) The Permittee shall install and operate a filtering system on any spray booth or enclosure with forced air exhaust.
 - (1) The filtering system shall have an average overspray removal efficiency of at least 92% by weight, as specified in writing by the manufacturer, for the type of material being sprayed.
 - (2) No gaps, sags or holes shall be present in the filters and all exhaust must be discharged into the atmosphere.

[County Rule 315 §301.2][locally enforceable only]
- 2) The controls required for spray coating in County Rule 315 §301, and the conditions of this Permit based upon that requirement, above, shall not apply:
 - a) To the spray coating of buildings or dwellings, including appurtenances and any other ornamental objects that are not normally removed prior to coating;

- b) To the spray coating of facility equipment or structures which are fixed in a permanent location and cannot easily be moved into an enclosure or spray booth and which are not normally dismantled or moved prior to coating;
- c) To the spray coating of objects which cannot fit inside of an enclosure with internal dimensions of 10'W x 25'L x 8'H;
- d) To enclosures and spray booths and exhausts located entirely in a completely enclosed building, providing that any vents or openings do not allow overspray to be emitted into the outside air; or
- e) To any coating operations utilizing only hand-held aerosol cans.
 [County Rule 315 §302][locally enforceable only]

E. Operational Requirements for Coating Wood Furniture and Fixtures

- 1) VOC Content Limitation [County Rule 342 §301.1][SIP Rule 342 §301.1]
 The Permittee shall not apply a topcoat or sealer to wood furniture or fixtures unless the VOC content is limited either to the pounds of VOC per pound of solids (kilogram VOC per kilogram of solids) in Column A, or to the grams of VOC per liter in Column B of Table 342-1 below, unless covered by an exemption listed in these permit conditions.

Table 342-1: General VOC Limits of Coatings

Type of Coating	Column A	Column B
	(pounds of VOC per pound of solids)	(grams of VOC per liter, less non-precursor compounds and water)
Topcoat	1.8	635
Sealer	1.9	645
Acid-cured, alkyd amino topcoat	2.0	655
Acid-cured, alkyd amino vinyl sealer	2.3	680

- 2) When a sealer's topcoat does not exceed 0.8 pound of VOC per pound of solids (0.8 kilogram of VOC per kilogram of solids), there is no limit on the VOC content of the sealer.
 [County Rule 342 §301.1b][SIP Rule 342 §301.1b]
- 3) Stains, washcoats, glazes, toners, inks, and other coatings not specified in Table 342-1 or the strippable booth coating requirements of these Permit Conditions, do not have limits on VOC content.
 [County Rule 342 §301.2][SIP Rule 342 §301.2]
- 4) The Permittee shall not use a strippable booth coating unless, as applied, the coating has no more than 0.8 pounds of VOC per pound of solids.
 [40 CFR 63.802(a)(3)][County Rule 342 §301.2][SIP Rule 342 §301.2]
 [County Rule 370 §302.26]
- 5) Spray Equipment Requirements for Coating Wood Furniture and Fixtures

- a) The Permittee shall not spray wood furniture with coating exceeding 1.0 pound of VOC per pound of solids (1.0 kilogram of VOC per kilogram of solids) without providing evidence of possession and use of a low-pressure spray gun or system, an electrostatic system, or a system in which the energy for atomization is provided principally via hydraulic pressure; this includes air assisted airless and ultra-low-volume-air assisted technologies. Such requirement does not apply to any facility, activity or person specifically exempted by applicable subsections of County Rule 342 § 307, or to any specific system that is approved by the Administrator as having a transfer efficiency consistently exceeding 64 percent.
[County Rule 342 §302.1][SIP Rule 342 §302.1]
- b) The Permittee shall not use a conventional air-atomized spray gun or other restricted use gun, except:
 - (1) To apply finishing materials that have a VOC content not exceeding 1.0 pound of VOC per pound of solids, as applied.
[County Rule 342 §302.2a [County Rule 370 §302.26] [SIP Rule 342 §302.2a]
 - (2) For touch-up and repair under the following conditions:
 - (a) The touchup and repair occurs after completion of the finishing operation; or
 - (b) The touchup and repair occurs after the application of stain and before the application of any other type of finishing material, and the materials used for touchup and repair are applied from a container that has a volume of no more than 2.0 gallons.
[County Rule 342 §302.2c
[County Rule 370 §302.26] [SIP Rule 342 §302.2c]
 - (3) To apply less than 5% of all coating pursuant to County Rule 342 §307.2.e.
[County Rule 342 §302.2d
[County Rule 370 §302.26][SIP Rule 342 §302.2d]
- c) The Permittee shall operate and maintain in proper working order all process equipment in which VOC-containing materials are used or stored.
[County Rule 342 §303][SIP Rule 342 §303]
- 6) Booth Cleaning
The Permittee shall not clean spray booth components using a solvent containing more than 8.0 percent by weight of VOCs, including water and non-precursor compounds, except for: conveyors, continuous coaters and their enclosures, and metal filters unless the spray booth coating is being replaced. If the spray booth coating is being replaced, the Permittee shall use no more than 1.0 gallon of organic solvent per booth to prepare the surface of the booth prior to applying the booth coating.
[County Rule 342 §304.1][County Rule 370 §302.26]
[SIP Rule 342 §304.1]

7) Cleaning Guns and Lines

The Permittee shall pump or drain all organic solvent used in line cleaning, and shall collect all organic solvent used to clean spray guns, into a normally closed containers. A normally closed container means a container that is closed unless an operator is actively engaged in activities such as emptying or filling the container.

[County Rule 342 §304.2][County Rule 370 §302.26]
[SIP Rule 342 §304.2]

8) Handling and Disposal of VOC

- a) The Permittee shall cover and keep covered each VOC-containing material intended for the day's production, which is not currently in use. The Permittee shall use normally closed containers for storing finishing, gluing, cleaning and washoff materials. Normally closed container means a container that is closed unless an operator is actively engaged in activities such as emptying or filling the container.

[County Rule 342 §305.1][SIP Rule 342 §305.1]
[County Rule 370 §302.26]

- b) The Permittee also shall store all VOC-containing materials, including but not limited to rags, waste coatings, waste solvents and their residues, in closed containers which are legibly labeled with their contents and which remain covered when not in use.

[County Rule 342 §305.2][SIP Rule 342 §305]

9) Exemptions from VOC Requirements for Coating Wood Furniture and Fixtures

[County Rule 342 §§307 and 403][SIP Rule 342 §§307 and 403]

- a) Total Exemption:

The following materials are exempt from the requirements of this Permit which are based on County Rule 342: adhesives, architectural coatings, printing ink, and coatings not applied on or over a wood-product substrate.

- b) Partial Exemptions:

- (1) Coatings in aerosol spray cans not exceeding 22 fl. oz. (0.66 liter) capacity used exclusively for touch-up and/or repairs are exempt from all requirements of Section 300 of County Rule 342 and the conditions of this permit that are based upon those requirements.
- (2) The following shall be exempt from the requirements of County Rule 342 §§301 and 302 and the conditions of this permit that are based upon those requirements:
 - (a) Prepackaged aerosol spray cans which are not used for touch-up or repair, metal leaf finishes, and faux finishes do not have limits on VOC content when the annual total use of all such coating types together is less than 250 gallons (948 liters).
 - (b) Any refinishing operation necessary for preservation, to return the furniture or fixture to original condition, to replace missing furniture to produce a matching set, or to produce custom replica furniture.
- (3) The coating for a single resin-layer finish which does not exceed a

VOC limit of 3 pounds of VOC per pound of solids for completed finishes up to 3 dry mils thickness or does not exceed 2.3 pounds of VOC per pound of solids for finishes over 3 dry mils is exempt from the requirements of County Rule 342 §301.1 and the conditions of this Permit that are based upon those requirements if all of the following conditions are met:

- (a) The containers are clearly marked: "FOR USE IN SINGLE RESIN-LAYER FINISH,"
 - (b) Facility records clearly identify this material: "DOES NOT MEET THE VOC LIMITS OF SECTION 301, RULE 342 - FOR USE ONLY IN SINGLE RESIN-LAYER FINISHES," and
 - (c) The booth used to apply a single resin-layer finish above 2.3 pounds of VOC per pound of solids is dedicated to that operation only, and is clearly labeled: "FOR SINGLE RESIN-LAYER FINISHES ONLY."
- (4) In addition to the uses of restricted-use guns allowed under County Rule 342 §302.2 and the conditions of this permit based upon that requirement, the Permittee may use a conventional air atomized or other restricted use gun to apply coatings exceeding 1 lb VOC/lb if all the following conditions are met:
- (a) The volume of such coating applied in this way is less than five percent (5%) of the total volume of coating applied at the facility;
 - (b) Each gun has a red tag when spraying materials exceeding 1.0 pound of VOC per pound of solids. The red tag shall be a red 4 square-inch vivid, durable tag, sticker, or painted emblem/label visible on the gun or within 3 feet of the gun on the gun's hose;
 - (c) A log shall be kept of the amount of coating used by each such gun pursuant to the Recordkeeping Requirements of these Permit Conditions.

20. MONITORING AND RECORDKEEPING REQUIREMENTS

A. Facility-Wide Requirements

- 1) The Permittee shall monitor for compliance with the facility-wide VOC, emissions limits of these Permit Conditions by monthly calculating and recording the monthly and the rolling 12 month emissions of VOCs. The calculations shall be made no later than the end of the following month, unless a different timeframe is specified elsewhere in these permit conditions. All VOCs in the materials used in the woodworking operations are assumed to be emitted into the atmosphere unless records acceptable to the Control Officer are kept documenting the quantity and VOC content of VOC containing materials disposed of off site. The Permittee shall maintain an MSDS sheet or other similar documentation of the VOC content of all VOC containing materials used in the woodworking process. The 12 month rolling emissions total shall be calculated by summing the emissions for the most recent complete 12 calendar months. The monthly and rolling 12 month total

emissions of VOCs from the facility shall be calculated based upon one of the following two methods.

- a) Upon initial issuance of this permit and anytime thereafter that the 12 month rolling total of VOC emissions from the facility is less than 88 tons, the Permittee may calculate the facility's VOC emissions based upon the purchase records for each month. Under this scenario, it will be assumed that all VOCs are emitted during the month in which they were purchased. The Permittee shall keep on site purchase records showing the volume of all VOC containing materials purchased each month.
- b) If the 12 month rolling total of VOC emissions from the facility reaches 88 tons or greater, the Permittee shall begin to record and use actual material usage to calculate facility emissions. The monthly calculation of the 12 month rolling total emissions of VOCs under this scenario shall be completed by the 10th of the following month. Monthly emissions calculations under this scenario shall be calculated on a weekly basis and shall be performed by the end of the following week.

[County Rule 210 §302.1c]

2) Opacity Readings

- a) Opacity shall be determined by observations of visible emissions conducted in accordance with 40 CFR Part 60 Appendix A, Method 9.
[40 CFR 60.11.b][County Rule 300 §501]
- b) Opacity of visible emissions from intermittent sources as defined by County Rule 300 §201 shall be determined by observations conducted in accordance with 40 CFR Part 60 Appendix A, Method 9, except that at least 12 rather than 24 consecutive readings shall be required at 15-second intervals for the averaging time.

[County Rule 300 §502][locally enforceable only]

3) HAPs Emission Limits

The Permittee shall monitor for compliance with the facility-wide HAP emissions limits of these Permit Conditions by monthly calculating and recording the monthly and the rolling 12 month emissions of HAPs. The calculations shall be made no later than the end of the following month. All HAPs in the materials used in the woodworking operations are assumed to be emitted into the atmosphere unless records acceptable to the Control Officer are kept documenting the quantity and HAP content of HAP containing materials disposed of off site. The Permittee shall maintain an MSDS sheet for all HAP containing materials used in the woodworking process. The 12 month rolling emissions total shall be calculated by summing the emissions for the most recent complete 12 calendar months. The monthly and rolling 12 month total emissions of HAPs from the facility shall be calculated based upon the purchase records for each month. Under this scenario, it will be assumed that all HAPs are emitted during the month in which they were purchased. The Permittee shall keep on site

purchase records showing the volume of all HAP containing materials purchased each month.

***Note: This determination does not shield Legends from the possibility of enforcement from past violations of the MACT standard nor that future enforcement will require the facility to be subject to the MACT standard.**

[County Rule 210 §302.1 c]

B. Monitoring and Recordkeeping Requirements for Baghouses Vented Outdoors that Serve Woodworking Equipment

- 1) The Permittee shall record the following information for all visible emissions observations and Method 9 opacity readings required by this permit condition:
 - a) The date and time the visible emissions observation or Method 9 opacity reading was taken;
 - b) The name of the observer;
 - c) Whether or not visible emissions were present;
 - d) If visible emissions are present and the controls and facility processes are operating in a mode other than their normal operating conditions, such as startup or shutdown, a description of the operating conditions at the time that the opacity is observed;
 - e) The opacity determined by a Method 9 opacity reading, if a Method 9 reading is required by these permit conditions;
 - f) If applicable, a description of any corrective action(s) taken, including the date of such action(s); and
 - g) Any other related information.

[County Rule 300] [County Rule 210 §302.1]

- 2) Daily visible emissions observations shall performed for each baghouse every day that the facility operates.

[County Rules 300] [County Rule 210 §302.1c]

- 3) If visible emissions, other than uncombined water, are observed being discharged into the ambient air, the Permittee shall monitor for compliance with the opacity standards specified in this permit by having a certified visible emissions evaluator determine the opacity of the visible emissions being discharged into the ambient air using the techniques specified in EPA Reference Method 9.

If the Permittee observes visible emissions, the initial Method 9 opacity reading shall be taken within twenty-four (24) hours of observing visible emissions. If the emitting equipment is not operating on the day that the initial Method 9 opacity reading is required to be taken, then the initial Method 9 opacity reading shall be taken the next day that the emitting equipment is in operation. If the problem causing the visible emissions is corrected before the initial Method 9 opacity reading is required to be performed, and there are no visible emissions (excluding uncombined water) observed from the previously emitting equipment while the

equipment is in normal operation, the Permittee shall not be required to conduct the Method 9 opacity readings.

Follow-up Method 9 opacity readings shall be performed by a certified visible emissions evaluator while the emitting equipment in its standard mode of operation in accordance with the following schedule:

- (a) Daily:
 - (1) Except as provided in paragraph 3 of this Permit Condition, a Method 9 opacity reading shall be conducted each day that the emitting equipment is operating until a minimum of 14 daily Method 9 readings have occurred.
 - (2) If the Method 9 opacity readings required by this Permit Condition are less than 20% for 14 consecutive days, the frequency of Method 9 opacity readings may be decreased to weekly, in accordance with paragraph 2 of this Permit Condition.
- (b) Weekly:
 - (1) If the permittee has obtained 14 consecutive daily Method 9 readings which do not exceed 20% opacity, the frequency of Method 9 readings may be decreased to once per week for any week in which the equipment is operated.
 - (2) If the opacity measured during a weekly Method 9 reading exceeds 20%, the frequency of Method 9 opacity readings shall revert to daily, in accordance with paragraph 1 of this Permit Condition.
 - (3) If the opacity measured during the required weekly Method 9 readings never exceeds 20%, the Permittee shall continue to obtain weekly opacity readings until the requirements of paragraph 3 of this Permit Condition are met.
- (c) Cease Follow-up Method 9 Opacity Monitoring:

Regardless of the applicable monitoring schedule, follow-up Method 9 opacity readings may cease if the emitting equipment, while in its standard mode of operation, has no visible emissions, other than uncombined water, during every observation taken during a Method 9 procedure.

[County Rule 210 §302.1c]

4) Opacity Readings

- a) Opacity shall be determined by observations of visible emissions conducted in accordance with 40 CFR Part 60 Appendix A, Method 9.

[40 CFR 60.11.b] [County Rule 300 §501]

- b) Opacity of visible emissions from intermittent sources as defined by County Rule 300 §201 shall be determined by observations conducted in accordance with 40 CFR Part 60 Appendix A, Method 9, except that at least 12 rather than 25 consecutive

readings shall be required at 15-second intervals for the averaging time.

[County Rule 300 §502] [locally enforceable only]

- 5) If visible emissions are observed from the baghouses and the problem isn't corrected within twelve (12) hours of the observation the Permittee shall investigate the problem, document the findings, and provide a description of the corrective action taken to bring the control device into proper operation. In addition the Department may require the Permittee to submit a Corrective Action Plan (CAP).

[County Rule 200 § 309]

- 6) The Control Officer may require the CAP contain one or more of the following elements:
- a) Improved preventive maintenance practices.
 - b) Improved baghouse operating practices.
 - c) Process operation changes.
 - d) Other actions appropriate to improve baghouse performance.
 - e) Schedule for CAP implementation and periodic reporting on the progress of CAP implementation.

[County Rule 200 § 309]

- 7) Daily pressure differential readings shall be performed and recorded for each baghouse every day that the facility operates. The most recently approved O&M Plan requires the baghouse pressure differential to be between .3 to 7.0 inches of water. The Permittee shall log all pressure differential readings, including the date when the reading was taken, identify each baghouse, name or initials of the person who took the reading, and any other related information. The Permittee shall investigate the cause of any reading outside the range of .3 to 7.0 inches of water immediately to identify, correct or repair the problem and record in a log book the cause of the problem and the corrective action initiated to remedy the abnormal pressure differential reading.

[County Rule 311 §305]

- 8) If the frequency of measurement of a pressure differential outside the applicable pressure differential range of .3 to 7.0 inches of water or other information indicate that the baghouse is not being operated in accordance with the O&M plan most recently approved by the Control Officer, the Department may require the Permittee to submit a Corrective Action Plan (CAP).

[County Rule 200 § 309]

- 9) The Permittee shall submit within three months of the permit's issue date, recordkeeping data of the differential pressure readings from each baghouse to support the differential pressure range in permit condition

[19.B.7,8)], of .3 to 7.0 inches of water. Records submitted shall be from the previous two-year period. The Permittee shall submit at minimum, ten separate calendar day records for each baghouse.

C. Monitoring and Recordkeeping Requirements for Spray Coating

[County Rule 210 §§302.1c and 302.1d][County Rule 315]

- 1) Should the Permittee operate any spray coating equipment inside an enclosure that is located outside of a building, the Permittee shall weekly observe spraying activity occurring in such enclosures to ensure the following:
 - a) No spraying is conducted within three feet of any open end, or within two feet of any open top of the enclosure; and
 - b) The spray is directed in a horizontal or downward pointing manner for three-sided enclosures, or away from any opening for complete enclosures and three-sided enclosures with roofs.The Permittee shall log the results of the inspections, including the name of the person conducting the inspection, the date of the inspection, and any action taken to correct incorrect application, if applicable.
- 2) The Permittee shall inspect each filter installed on a spray booth or enclosure, for gaps, sags or holes each day of operation.
 - a) Should the Permittee observe any gaps, sags or holes in any of the filters, the Permittee shall immediately repair or replace the filter and record the name of the inspector, the location of filtering system containing the filter (if more than one spray booth), and the date that the filter was replaced.
 - b) If no gaps, sags or holes are observed in any of the filters, the Permittee shall record the name of the inspector, the location of the filtering system containing the filter (if more than one spray booth), and the date that the filter was inspected.
- 3) The Permittee shall maintain on file and make available to the Control Officer upon request, a copy of the manufacturer's specifications verifying that the average overspray removal efficiency for the filter is at least 92%.
- 4) The Permittee shall inspect the facility monthly for evidence of any spraying activity that occurred outside of any enclosure required by these Permit Conditions. The Permittee shall record the results of the inspection, including the name of the person conducting the inspection and the date of the inspection.

D. Monitoring and Recordkeeping Requirements for Coating Wood Furniture and Fixtures

- 1) The Permittee shall keep the following records and lists in a consistent and complete manner and shall make them available to the Control Officer without delay during normal business hours. Each record shall be maintained for a minimum of five years.
 - a) Current List of VOC Containing Material
The Permittee shall maintain a current list of all VOC-containing material that contains the name or code of each material and its VOC content, expressed in accordance with County Rule 342 §§501.1b and 501.1c. Any qualified single resin-layer finish shall be identified as such.
 - b) Current List of Mix Ratios
The Permittee shall maintain a current list of the manufacturer's recommended mix ratio of components, including but not limited to

addition of reducers and catalysts/hardeners, except when the manufacturer has no recommendations for any additions.

[County Rule 342 §501][SIP Rule 342 §501]

- 2) The Permittee shall maintain daily records indicating the amount and VOC content of each day's use of each topcoat, sealer, or booth material that exceeds applicable VOC limits contained in County Rule 342 §§301 or 304 and the conditions of this Permit based upon those requirements. The records shall be logged and totaled by the end of the following workday. VOC content shall be entered for each such material.

[County Rule 342 §501.2a][SIP Rule 342 §501.2a]

- 3) The Permittee shall maintain the following monthly records for material compliant with County Rule 342 §§301 and 304, and the conditions of this Permit based upon those requirements, and shall update such records prior to the conclusion of the following month:

- a) For each topcoat and sealer to which reducer is added at any time after its arrival at a facility, enter the VOC content in lb VOC/lb Solids or in grams/liter (lb/gal) less water and non-precursor organic compounds.
- b) The amount of coating, the amount of catalyst/hardener, and the amount of reducer/coating diluent used.
- c) The quantity and type of organic solvent used each month for stripping and cleaning.
- d) The quantity of organic solvent disposed of offsite during the month just ended.
- e) Exception: The Permittee shall update yearly the totals of usage of each VOC-containing material known to be used in quantities less than 15 gallons (or 57 liters) per year.

[County Rule 342 §501.2b][SIP Rule 342 §501.2b]

The Permittee shall not be required to maintain records of the VOC content of any mixture of any coatings regulated by County Rule 342 as long as no individual coating in the mixture exceeds the VOC limits for coatings in Table 342-1. If any diluent, as defined in County Rule 342 §211, is mixed with a coating regulated by Table 342-1, and the diluent has a VOC content in excess of the maximum VOC content of the coating allowed by Table 342-1, records of the mixture shall be kept according to County Rule 342 §501.2b.

21. REPORTING REQUIREMENTS

**NOTE: Additional reporting requirements are found in the general conditions of this permit, in the Operational Requirements subsections dealing with HAPs, and in each section of the Specific Conditions for Potential Support Activities.*

A. Semi-Annual Monitoring Report

The Permittee shall submit a semi-annual monitoring report, which shall be certified as to its truth, accuracy and completeness by a responsible official in the manner

required by County Rule 210 §§301.7 and 305.1(e), and which shall contain the following information, at a minimum:

- 1) Emissions Calculations [County Rule 210 §302.1e]
The Permittee shall include the results of the monthly and the rolling 12-month VOC emissions calculations for each month in the six-month reporting period.
- 2) Deviation Reporting [County Rule 210 §302.1e(1)]
The Permittee shall identify all instances of deviations from permit requirements in the semi-annual monitoring report. The Permittee shall include the probable cause of such deviations, and any corrective actions or preventive measures taken.
- 3) Visible Emissions [County Rule 210 §302.1e][County Rule 311]
 - a) The dates of any week that the required visible emissions observations were not taken, an explanation for the deviation from that monitoring requirement, and a description of any action taken to ensure that the future observations are performed, if applicable.
 - b) Any date on which visible emissions were observed;
 - c) The approximate time of the observation;
 - d) Name of the observer;
 - e) A description of any corrective actions taken, if any, to reduce the visible emissions;
 - f) If a follow-up Method 9 reading was required, the opacity of the emissions determined by Method 9 and a copy of the visual determination of opacity record showing all information required by the Method 9. Any other related information.
- 4) Spray Coating [County Rule 210 §302.1e][County Rule 315]
 - a) Should the Permittee operate spray-coating equipment inside of an enclosure that is located outside of a building, the Permittee shall provide the following information:
 - (1) Any date that monitoring of spraying activity was required but not performed, an explanation for the deviation from that monitoring requirement, and a description of any action taken to ensure that required monitoring is performed in the future, if applicable.
 - (2) Dates that spraying activity was observed being conducted incorrectly, and any corrective actions taken, if necessary.
 - b) Should the Permittee operate any spray coating equipment with a filtering system on a spray booth or enclosure with forced air exhaust, the Permittee shall provide the following information:
 - (1) Any date that any such spray booth or enclosure was used, but the filters were not inspected for gaps, sags or holes. The Permittee shall also include an explanation for the deviation from that monitoring requirement, and a description of any action taken to ensure that required monitoring is performed in the future, if applicable.
 - (2) Details of the make and manufacturer of each filter used as well as

its overspray control efficiency.

5) Coating Wood Furniture and Fixtures

[County Rule 210 §302.1e][County Rule 342]

- a) A list of coatings regulated by County Rule 342 that were used at the facility during the six-month period, along with the VOC content of each coating.
- b) If any conventional air-atomized or other restricted use guns were used during the six month period, a description of the exemption that applies to the use of such guns and justification for the exemption.

22. TESTING REQUIREMENTS

The applicable source testing requirements (including Source Test Protocol and Test Report) of this permit condition shall be satisfied in the event the following condition is met. EPA requires a source test pursuant to its CAA Section 114 authority prior to or during the term of this permit and permittee performs the source test in accordance with EPA's CAA Section 114 request to show compliance with County Rule 311.

**Note: All the test protocols, notifications and reports required by this permit condition should be addressed to the attention of the Air Quality Technical Services Unit Manager.*

- A. The Permittee shall conduct a performance test on each baghouse within 12 months after the issuance date of this permit. The source tests shall be to verify that the Permittee is capable of operating the baghouse at

- 1) no less than 99.5 % removal efficiency for particles with an aerodynamic diameter of 10 microns or less or
- 2) an overall particulate emission outlet concentration of no more than 0.015 grains/dry standard cubic foot under normal operating conditions.

The test shall be used to determine compliance with Maricopa County Rule 311 and shall be conducted in accordance with EPA Test Method 5.

[County Rules 200 §309 and 270][SIP Rule 270]

- B. Performance tests shall be conducted under such conditions as the Control Officer shall specify based upon representative performance of the source or facility. The Permittee shall make available to the Control Officer such records as may be necessary to determine the conditions of the performance tests. Operations during periods of start-up, shutdown, and malfunction shall not constitute representative conditions of performance tests unless otherwise specified in the applicable standard. The baghouse shall be operated during testing in accordance with the O&M plan. The pressure drop and visible emissions operational parameters shall be measurable and capable of later indication that the unit is operating within the permitted limits shall be listed in the protocol and recorded during testing.

[County Rule 270 §403]

- C. The Permittee shall provide, or cause to be provided, source testing facilities as follows:

- 1) Test reports adequate for the applicable test methods
- 2) Safe sampling platform(s)
- 3) Safe access to sampling platform(s)

- 4) Utilities for testing and sampling equipment.
[County Rule 270 §405]
- D. The Permittee shall submit an approvable test protocol to the Department, for review and approval at least 30 days prior to the test.
[County Rule 270 §301.1]
- E. The Permittee shall notify the Department in writing at least two weeks in advance of the actual time and date of the emissions test so that the Division may have a representative attend.
[County Rule 270 §404]
- F. The Permittee shall complete and submit a report to the Department within 30 days after completion of the emissions test. The report shall summarize the results of the testing in sufficient detail to allow a compliance determination and demonstration to be made.
[County rule 270 §§301.1 & 401]

SPECIFIC CONDITIONS FOR POTENTIAL SUPPORT ACTIVITIES

23. PERMIT CONDITIONS FOR SOLVENT CLEANING

****NOTE: These conditions are intended to regulate VOC-containing solvent. "Cleaning Solvent" is defined in County Rule 331 §206 as "Solvent used for cleaning that contains more than 2.0% VOC by weight and more than 20 grams of VOC per liter (0.17lb/gal)."***

- A. Operational Limitations and Standards
Unless exempted by County Rule 331 §308, the Permittee shall comply with all of the following requirements:
 - 1) All cold cleaners shall comply with one of the following requirements:
[County Rule 210 §302.1]
 - a) The Permittee shall use low VOC cleaner. A low VOC cleaner is any solution or homogeneous suspension that, as used, contains less than 50 grams of VOC per liter of material (0.42 lb VOC/ gal), or is at least 95% water by weight or volume as determined by an applicable test method in County Rule 331 §502; OR
[County Rule 331 §§218 and 304.3]
 - b) The Permittee shall use a sealed system. A sealed system is an airtight or airless cleaning system that is operated according to the manufacturer's specifications and, unless otherwise indicated by the manufacturer, meets all of the following requirements:
 - (1) Has a door or other pressure-sealing apparatus that is shut during each cleaning and drying cycle.
 - (2) Has a differential pressure gauge that always indicates the pressure in the sealed chamber when occupied or in active use.
 - (3) Any associated pressure relief device(s) shall be so designed and operated as to prevent liquid cleaning-solvents from draining out;
OR

[County Rule 331 §304.3]

- c) The Permittee shall install or operate batch-loaded cleaners with a remote reservoir, including the cabinet type(s), equipped with the following:
 - (1) A sink-like work area or basin that is sloped sufficiently towards the drain so as to prevent pooling of cleaning-solvent.
 - (2) A single, unimpeded drain opening or cluster of openings served by a single drain for the cleaning-solvent to flow from the sink into the enclosed reservoir. Such opening(s) shall be contained within a contiguous area not larger than 15.5 square inches (100 cm²).
 - (3) A means for drainage of cleaned parts such that the drained solvent is returned to the cleaning machine; OR

[County Rule 331 §305][SIP Rule 331 §302]

- d) The Permittee shall install or operate batch-loaded cleaners without a remote reservoir (such as a solvent dip-tank), equipped with all of the following:
 - (1) Have and use an internal drainage rack or other assembly that confines within the freeboard all cleaning-solvent dripping from parts and returns it to the hold of the cleaning machine (degreaser).
 - (2) Have an impervious cover which when closed prevents cleaning-solvent vapors in the cleaning machine from escaping into the air/atmosphere when not processing work in the cleaning machine. The cover shall be fitted so that in its closed position the cover is between the cleaning-solvent and any lip exhaust or other safety vent, except that such position of cover and venting may be altered by an operator for valid concerns of flammability established in writing and certified to by a Certified Safety Professional or a Certified Industrial Hygienist to meet health and safety requirements.
 - (3) The freeboard height shall be not less than 6 inches (15.2 cm). Freeboard height for batch cleaning machines is the vertical distance from the solvent/air interface to the least elevated point of the top-rim when the cover is open or removed, measured during idling mode.
 - (4) The freeboard zone shall have a permanent, conspicuous mark that locates the maximum allowable solvent level that conforms to the applicable freeboard requirements.

[County Rule 331 §305][SIP Rule 331 §302]

2) Solvent Handling Requirements

- a) All cleaning-solvent, including solvent soaked materials, shall be kept in closed leakfree containers that are opened only when adding or removing material.
 - (1) Rags used for wipe cleaning shall be stored in closed containers when not in use.
 - (2) Each container shall be clearly labeled with its contents.
- [County Rule 331 §301.1][SIP Rule 331 §§301 and 306]
- b) If any cleaning-solvent escapes from a container:
 - (1) Wipe up or otherwise remove immediately if in accessible areas.

- (2) For areas where access is not feasible during normal production, remove as soon as reasonably possible.
[County Rule 331 §301.2][locally enforceable only]
 - c) Unless records show that VOC-containing cleaning material was sent offsite for legal disposal, it will be assumed that it evaporated on site.
[County Rule 331 §301.3][locally enforceable only]
- 3) Equipment Requirements for All Cleaning Machines
 - a) The Permittee shall provide a leak-free container (degreaser) for the solvents and the articles being cleaned.
[County Rule 331 §302.1][SIP Rule 331 §301.1]
 - (1) The VOC-containment portion shall be impervious to VOC-containing liquid and vapors.
[County Rule 331 §302.1a][locally enforceable only]
 - (2) No surface of any freeboard required by these Permit Conditions shall have an opening or duct through which VOC can escape to the atmosphere except as required by OSHA.
[County Rule 331 §302.1b][locally enforceable only]
 - b) The Permittee shall properly maintain and operate all cleaning machine equipment required by these Permit Conditions and any of its emission controls required by these Permit Conditions.
[County Rule 331 §302.2][SIP Rule 331 § 306.1]
 - c) The Permittee shall not dispose of any solvent, including waste solvent, in such a manner as will cause or allow its evaporation into the atmosphere. Records of its disposal/recovery shall be kept in accordance with hazardous waste disposal statutes.
[SIP Rule 331 §306.4]
- 4) Specific Operating & Signage Requirements for Cleaning Machines
[County Rule 331 §303][SIP Rule 331 §306]
 - a) The Permittee shall conform to the following operating requirements when cleaning with cleaning-solvents other than Low-VOC Cleaners or when not using a sealed system:
 - (1) Comfort fans shall not be used near cleaning machines;
 - (2) Do not remove any device designed to cover the solvent unless processing work in the cleaning machine or maintaining the machine;
 - (3) Drain cleaned parts for at least (15) fifteen seconds after cleaning or until dripping ceases, whichever is later;
 - (4) If using a cleaning-solvent spray system:
 - (a) Use only a continuous, undivided stream (not a fine, atomized, or shower type spray).
 - (b) Pressure at the orifice from which the solvent emerges shall not exceed (10) ten psig and shall not cause liquid solvent to splash outside the solvent container.
 - (c) In an in-line-cleaning machine, a shower-type spray is allowed, provided that the spraying is conducted in a totally confined space that is separated from the environment.

- (d) Exceptions to the foregoing Subsections (a), (b), and (c) are provided for in County Rule 331 §§307.1, 307.2, and 307.3.
- (5) The Permittee shall not cause agitation of a cleaning-solvent in a cleaning machine by sparging with air or other gas. Covers shall be placed over ultrasonic cleaners when the cleaning cycle exceeds (15) fifteen seconds;
- (6) The Permittee shall not place porous or absorbent materials in or on a cleaning machine. This includes, but is not limited to, cloth, leather, wood, and rope. No object with a sealed wood handle, including a brush, is allowed;
- (7) The ventilation rate at the cleaning machine shall not exceed 65 cfm per square foot of evaporative surface ($20 \text{ m}^3/\text{min}/\text{m}^2$), unless that rate must be changed to meet a standard specified and certified by a Certified Safety Professional, a Certified Industrial Hygienist, or a licensed professional engineer experienced in ventilation, to meet health and safety requirements;
- (8) Limit the vertical speed of mechanical hoists moving parts in and out of the cleaning machine to a maximum of 2.2 inches per second and (11) eleven ft/ min (3.3 m/min);
- (9) The Permittee shall prevent cross contamination of solvents regulated by County Rule 331§304 of this Section with solvents that are not so regulated. Use signs, separated work-areas, or other effective means for this purpose. This includes those spray gun cleaning solvents that are regulated by another Section of this Permit.
- b) Should the Permittee use a cleaning-solvent other than Low-VOC cleaner, in any solvent machine (degreaser) or dip tank that is not a sealed system, the Permittee shall provide on the machine, or within 3 1/4 feet (1 meter) of the machine, a permanent, conspicuous label, or placard which includes at a minimum, each of the following applicable instructions, or its equivalent:
 - (1) "Keep cover closed when parts are not being handled." (This is not required for remote reservoir cleaners.)
 - (2) "Drain parts until they can be removed without dripping."
 - (3) "Do not blow off parts before they have stopped dripping."
 - (4) "Wipe up spills and drips as soon as possible; store used spill rags [or 'wiping material'] in covered container."
 - (5) "Don't leave cloth or any absorbent materials in or on this tank."
 - (6) For cleaning machines with moving parts such as hoists, pumps, or conveyors, post: "Operating instructions can be obtained from _____" where the Permittee shall list a person or place where the instructions are available.
- 5) Solvent Specification [County Rule 331 §304][locally enforceable only]
All cleaning solvents, except Low-VOC cleaners and those used in a sealed system, shall be conforming solvents. A conforming solvent is one that has a total VOC vapor pressure at 68°F (20°C) not exceeding 1 millimeter of mercury column maximum total VOC vapor pressure.

6) Special Non-Vapor Cleaning Situations

[County Rule 331 §§307.1, 307.2 and 307.3]

- a) The Permittee shall operate and equip the devices in the following manner when blasting or misting with conforming solvents;
 - (1) The device shall have internal drainage, a reservoir or sump, and a completely enclosed cleaning chamber, designed so as to prevent any perceptible liquid from emerging from the device; and
 - (2) The device shall be operated such that there is no perceptible leakage from the device except for incidental drops from drained, removed parts.
- b) The Permittee shall use a sealed system for all blasting or misting with a non-conforming solvent.
- c) Cleaning systems using cleaning-solvent that emerges from an object undergoing high pressure flushing with a visible mist or at a pressure exceeding 10 psig, shall comply as follows;
 - (1) For conforming solvents, use a containment system that is designed to prevent any perceptible cleaning-solvent liquid from becoming airborne outside the containment system, such as a completely enclosed chamber.
 - (2) Use a sealed system for non-conforming solvents.
- d) Low-VOC cleaners are not subject to the foregoing special non-vapor cleaning requirements a), b) and c).

B. Monitoring and Recordkeeping Requirements

[County Rule 331 §501][SIP Rule 331 §501]

- 1) The Permittee shall maintain a current list of cleaning-solvents, and shall state the VOC-content of each in pounds VOC per gallon of material or grams per liter of material.
- 2) Should the Permittee use any cleaning-solvent subject to the vapor-pressure limits of County Rule 331 §304.1 and Permit Conditions based on those limits, the Permittee shall have on site the written value of the total VOC vapor pressure of each such solvent in one of the following forms:
 - a) A manufacturer's technical data sheet,
 - b) A manufacturer's safety data sheet (MSDS), or
 - c) Actual test results.
- 3) By the end of each calendar month, the Permittee shall record the amount of cleaning-solvent used during the previous month, as well as show the type and amount of each make-up and all other cleaning-solvent.
- 4) At least annually, the Permittee shall update usage records of concentrate that is used only in the formulation of Low VOC Cleaner.
- 5) For the purposes of recording usage, the Permittee may give cleaning-solvents of similar VOC content a single group-name distinct from any product names in the group. The total usage of all the products in that group are then recorded under just one name. (In such a case, the operator must also keep a separate list that identifies the product names of the particular solvents included under the group name.) To the group name shall be assigned the highest VOC content among the members of that group, rounded to the nearest 10th of a

pound of VOC per gallon of material, or to the nearest gram VOC per liter of material.

- C. Reporting Requirements [County Rule 210 §302.1e(1)]
- 1) The Permittee shall include the following information in each semi-annual monitoring report;
 - a) A summary of the listed cleaning-solvents currently used at the facility with the VOC-content of each cleaning solvent stated in VOC per gallon of material or grams per liter of material;
 - b) A summary of any testing that may have been performed during the period.

24. PERMIT CONDITIONS FOR ARCHITECTURAL COATING

- A. Operational Limitations and Standards
- 1) The Permittee shall limit the volatile organic compound (VOC) content of architectural coatings as follows:
 - a) Bituminous Pavement Sealer
[County Rule 335 §301][SIP Rule 335 §301]
The Permittee shall not apply any architectural coating manufactured after July 13, 1988, which is recommended for use as a bituminous pavement sealer unless it is an emulsion type coating.
 - b) Non-Flat Architectural Coating
[County Rule 335 §303][SIP Rule 335 §303]
The Permittee shall not apply any non-flat architectural coating manufactured after July 13, 1990, which contains more than 2.1 lbs (250 g/l) of volatile organic compounds per gallon of coating, excluding water and any colorant added to tint bases. These limits do not apply to specialty coatings listed below.
 - c) Flat Architectural Coating [County Rule 335 §304][SIP Rule 335 §304]
The Permittee shall not apply any flat architectural coating manufactured after July 13, 1989, which contains more than 2.1 lbs (250 g/l) of volatile organic compounds per gallon of coating, excluding water and any colorant added to tint bases. These limits do not apply to specialty coatings listed below.
 - d) Specialty Coatings [County Rule 335 §305][SIP Rule 335 §305]
The Permittee shall not apply any architectural coating manufactured after July 13, 1991 that exceeds the following limits. The limits are expressed in pounds of VOC per gallon of coating as applied, excluding water and any colorant added to tint bases.

<u>COATING</u>	<u>(lb/gal)</u>
Concrete Curing Compounds	2.9

Dry Fog Coating	
Flat	3.5
Non-flat	3.3
Enamel Undercoaters	2.9
General Primers, Sealers and Undercoaters	2.9
Industrial Maintenance Primers and Topcoats	
Alkyds	3.5
Catalyzed Epoxy	3.5
Bituminous Coating Materials	3.5
Inorganic Polymers	3.5
Vinyl Chloride Polymers	3.5
Chlorinated Rubbers	3.5
Acrylic Polymers	3.5
Urethane Polymers	3.5
Silicones	3.5
Unique Vehicles	3.5
Lacquers	5.7
Opaque Stains	2.9
Wood Preservatives	2.9
Quick Dry Enamels	3.3
Roof Coatings	2.5
Semi-transparent Stains	2.9
Semi-transparent and Clear Wood Preservatives	2.9
Opaque Wood Preservatives	2.9
Specialty Flat Products	3.3
Specialty Primers, Sealers & Undercoaters	2.9
Traffic Coatings	
Applied to Public Streets and Highways	2.1
Applied to other Surfaces	2.1
Black Traffic Coatings	2.1
Varnishes	2.9
Waterproof Mastic Coating	2.5
Waterproof Sealers	3.3

e) Exemptions

[County Rule 335 §§306and 307][SIP Rule 335 §§306and 307]

The VOC content requirement of this Section shall not apply to the following:

- (1) Architectural coatings supplied in containers having capacities of one quart or less.
- (2) Architectural coatings recommended by the manufacturer for use solely as one or more of the following:
 - (a) Below ground wood preservative coatings.
 - (b) Bond breakers.
 - (c) Fire retardant coatings.
 - (d) Graphic arts coatings (sign paints)
 - (e) Mastic texture coatings.
 - (f) Metallic pigmented coatings.

- (g) Multi-colored paints.
- (h) Quick-dry primers, sealers and undercoaters.
- (i) Shellacs.
- (j) Swimming pool paints.
- (k) Tile-like glaze coatings.

B. Monitoring and Recordkeeping Requirements

[County Rule 210 §302.1c] [County Rule 210 §302.1e]

The Permittee shall keep a material list of all coatings used. The material list shall contain the name of each coating, a short description of the material, the pounds of VOCs per gallon of coating excluding water and colorant added to tint bases, and the amount of each coating used. If the coating is exempt from the volatile organic compounds content requirements, the justification for the determination shall be documented and kept on file.

C. Reporting Requirements

[County Rule 210 §302.1e]

The Permittee shall include a statement whether or not architectural coating was performed during the six month reporting period in the semi-annual monitoring report.

25. COMPLIANCE PLAN:

The Permittee shall re-submit a permit application to the Department and EPA Region IX for the installation of the equipment contained in the August 31, 1999 minor permit revision by no later than October 13, 2004 to demonstrate whether or not the modification resulted in a net significant emissions increase. The application shall include, but is not limited to;

- A. A comprehensive analysis of the emission changes at the facility as a result of the modification. The analysis shall include emission changes from all equipment affected by the modification including, but not limited to spray booths and woodworking equipment.
- B. A past actual to future potential calculation shall be performed to calculate the net emission increase resulting from the modification.
- C. If appropriate, a compliance schedule including milestones for the installment and operation of any required control equipment.

Legends Furniture, Inc.

5555 North 51st Avenue, suite 106
 Permit Number V99-010
 Appendix A: Equipment List
 May 21, 2003

APPENDIX A
 Equipment List for Legends Furniture, Inc.
 5555 North 51st Avenue
 Permit V99-010

Equipment List

Table 1 List of woodworking equipment					
Equipment Number	Name/Type	Model	Quantity Each	Horse-Power	Vents to a control device
1.01	Selco Panel Saw	WNT200	1	34.36	yes
1.02	SCMI Beam Saw	Z15	1	15	yes
1.03	Striebig Panel Saw	NA	1	25(est)	yes
5.01	Hamilton Ripper	NA	1	30	yes
10.01	Sabre 2000 Chop Saw	212L	1	5	yes
NA	Delta	NA	1	0.5	no
15.01	CTD Chop Saw	M225	1	2	yes
15.02	CTD Chop Saw	M225	1	2	yes
16.01	Makita Chop Saw	NA	1	2.0(est)	yes
20.01	Northfield Radial Arm	X360	1	7.5	yes
20.02	Northfield Radial Arm	X360	1	7.5	yes
20.03	Northfield Radial Arm	X360	1	7.5	yes
21.01	Omega Radial Arm	NA	1	5	no
21.02	Omega Radial Arm	NA	1	5	yes
21.03	Omega Radial Arm	NA	1	5	yes

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21.04	Omega	NA	1	5	yes
	Radial Arm				
21.05	Maggie	JR640	1	3	yes
	Radial Arm				
30.01	Olympic	MS176	1	16.7	yes
	Edge Bander				
30.02	SCMI Tape	NA	1	15.0(est)	yes
	Edge Bander				
40.01	Dayton Drill	3Z919	1	0.5	no
	Press				
40.02	Delta Drill	15-000	1	0.5	no
	Press				
40.03	Rockwell	NA	1	0.2	no
	Drill Press				
40.04	Powermatic	1150A	1	0.75	no
	Drill Press				
45.01	Ritter Boring	R46	2	3	no
	Machine				
45.02	Ritter Boring	R46	2	3	no
	Machine				
45.03	Ritter Boring	NA	1	3.0(est)	no
	Machine				
45.04	SCMI Hor.	NA	1	3.0(est)	no
	Drill				
50.01	Onsrud Pin	36210	1	7	yes
	Router				
50.02	Onsrud Pin	3025	1	5	yes
	Router				
55.01	United Wood	435	1	3	no
55.02	Powermatic	NA	1	3.00(est)	yes
	Shaper				
60.01	Rockwell	12-14"	1	5	no
	Tablesaw				
60.02	TSC Table	TSC-10	1	1.5	no
	Saw				
70.01	Ritter Edge	R7.3	1	2	no
	Sander				
70.02	Ritter Edge	R7.3	1	2	yes
	Sander				
70.03	G&P	NA	1	2.0(est)	yes
	Pedestal				
75.01	Fletcher	NA	1	5.0(est)	yes
	Molding				
75.02	Fletcher	NA	1	2.0(est)	yes

Legends Furniture, Inc.

5555 North 51st Avenue, suite 106

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Appendix A: Equipment List

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	Door Sander				
80.01	Jet Bandsaw	JBS-14MW	1	1	no
80.02	SCMI				
	Bandsaw	NA	1	1.0(est)	yes
90.01	Scissor Lift	NA	1	1	no
90.02	Tiger Stop	Series	1	NA	no
	System				
95.01	Tiger Stop	NA	1	NA	no
	System				
95.02	Tiger Stop	NA	1	NA	no
	System				
95.03	Tiger Stop	NA	1	NA	no
	System				
95.04	Tiger Stop	NA	1	NA	no
	System				
95.05	Tiger Stop	NA	1	NA	no
	System				
1	Baghouse	Murphy	1	40	
		Rogers		11000cfm	
2	Baghouse	Murphy	1	15	
		Rogers		8000cfm	
	Air Compressor	Ingersoll Rand	3	100	
	Dust Collector	Murphy Rogers	1	15	
	Dust Collector	Murphy Rogers	1	10	
	Dust Collector	Murphy Rogers or Equivalent	6	3.0ea	
	Panel Saw	Selco	1	40	
	Tape Edge Bander	SCMI	2	9.0ea	
	Wood Chipper		2	25 ea	
	Optimizing Saw	BMI	2	7.5ea	
	Point to Point machine	SCMI	2	25.0 ea	
	CNC Router	Shoda	2	80.0 ea	
	Finish Conveyor System	Rhodes	1	18	
	Paint Spray Booth		3	5.0 ea	
	Heat Drying Tunnel	Prime	2		
	Pumps, Heaters, and spray guns				

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Appendix A: Equipment List

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	Miter Saw	CTD	2	2.0 ea	
	Radial Arm Saw	Northfield	3	2.0 ea	
	Bandsaw	SCMI	1	3.5	
	Shaper	Powermatic	1	5.0	
	Sander	Profile	4	3.0 ea	
	Mold Sander	Fletcher	2	4.0	
	Panel Saw	Vertical	1	5.0	
Table 2	Maintenance Equipment				
500.01	Bench Grinder	NA	1	NA	
500.01	Bench Grinder	NA	1	NA	
Table 3	Finishing Equipment				
Spraybooth 1	Stain	10'x16'x12'	1	21900cfm	
Spraybooth 2	Sealer	10'x16'x12'	1	21900cfm	
Spraybooth 3	Lacquer	10'x16'x12'	1	21900cfm	
Spraybooth 4	NGR	10'x16'x12'	1	21900cfm	

Legends Furniture, Inc.

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Appendix A: Equipment List
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Technical Support Document (TSD)
Legends Furniture, Inc
5555 North 51st Avenue, suite, Glendale, AZ 85301
Permit Number V99-010
March 31, 2004

I. COMPANY DESCRIPTION

Legends Furniture, Inc. (Legends) manufactures various types of wood furniture for commercial sale. The facility Standard Industrial Classification (SIC) Code is 2511. The facility receives wood and wood product material by truck. Lumber is taken to the mill where it goes through other woodworking processes depending on the part being produced. The wood product is sanded then finished.

Company Information:

Facility Name: Legend Furniture, Inc.
5555 North 51st Avenue, suite 106
Glendale, AZ 85301

Mailing Address: Same as facility address

II. Historical Overview

- A. In September 1997, Legends Furniture, Inc. accepted permit conditions (Non-Minor Permit Revision NM97-001) limiting emissions from any single HAP to 4.5 tons and limiting from any combination of HAPs to 12 tons, per rolling 12-month period.

According to the NESHAP for Wood Furniture Manufacturing Operations, 40 CFR 63.800 (b), a source that complies with the limits and criteria specified in paragraphs (b)(1), (b)(2), or (b)(3) of [that] section is an area source for the purposes of this subpart and is not subject to any other provision of this rule.

Legends Furniture had a Level II Compliance inspection on September 28 and 30 of year 2000. As a result of records requested during the inspections Legends Furniture submitted an emission summary table of monthly VOC and VHAP emissions the documents indicated that Legends furniture was non-compliant in three areas:

1. exceeded monthly emissions limits of total HAPs
2. exceeded the monthly emissions limit for a single HAP (glycol ethers)
3. exceeded the twelve-month rolling average emission limit for total HAPs

The HAP emission limits accepted by Legends in the non-minor permit revision NM97-001 is consistent with the emission thresholds in the NESHAP for Wood Furniture Manufacturing Operations, 40 CFR 63, Subpart JJ, § 63.800 (b)(3). This threshold delineates an area source from a major source, 5 tons of any single HAP and 12.5 tons of any combination of HAPs, per 12-month rolling period. Although major source levels thresholds for HAPs were exceeded per 40 CFR § 63.800 (b),

pursuant to discussions between EPA Region IX and MCESD it was determined that Legends permit shall include HAPs monitoring and reporting requirements as defined in permit condition 20.A.3.

Note: This determination does not shield Legends from the possibility of enforcement from past violations of the MACT standard nor that future enforcement will require the facility to be subject to the MACT standard.

- B. Legend has an existing permit condition of 98 tons per year VOC limit. An installation permit conditions for the operating requirements for the baghouses of 99% removal efficiency and .015 dry grain loading standards has been added pursuant to Rule 100 § 200.88.
- C. 100 hp Murphy Rogers baghouse removed from the equipment list because the unit was never installed.
- D. 15 hp Murphy Rogers baghouse is located inside the warehouse, the baghouse vents are next to rollup door. There is a high potential for fugitive emissions therefore an O& M plan was submitted and the baghouse is a permitted piece of equipment.
- E. Odor log used to monitor for compliance with the limitations on odors and gaseous air was removed pursuant to Rule 100 § 200.10. The Department historically enforces Rule 320 § 302, upon receipt of a complaint or petition from a substantial portion of a community with respect to an allegation the odor standard was exceeded. An odor log maintained by a source is irrelevant in determining compliance with the odor standards.

III. APPLICABLE REQUIREMENTS

A. County Rule 300 - Opacity Limits (Permit Condition 18.3)

1) Discussion of Opacity Limits

County Rule 300 restricts visible emissions from any source to 20% opacity, other than emissions of uncombined water. County Rule 300 and the 20% opacity limitation of the permit conditions are locally enforceable only. SIP Rule 30 and the 40% opacity limitation of the permit conditions are federally enforceable.

2) Monitoring for Compliance with Opacity Limits (Permit Condition 20.B)

The Permittee shall record the following information for all visible emissions observations and Method 9 opacity readings required by this permit condition:

- a) The date and time the visible emissions observation or Method 9 opacity reading was taken;
- b) The name of the observer;
- c) Whether or not visible emissions were present;
- d) If visible emissions are present and the controls and facility processes are operating in a mode other than their normal operating conditions, such as startup or shutdown, a description of the operating conditions at the time that the opacity is observed;
- e) The opacity determined by a Method 9 opacity reading, if a Method 9 reading is required by these permit conditions;
- f) If applicable, a description of any corrective action(s) taken, including the date of such action(s); and
- g) Any other related information.

[County Rule 300] [County Rule 210 §302.1]

- 3) Daily visible emissions observations shall performed for each baghouse each day that the facility operates.

[County Rules 300] [County Rule 210 §302.1c]

- 4) If visible emissions, other than uncombined water, are observed being discharged into the ambient air, the Permittee shall monitor for compliance with the opacity standards specified in this permit by having a certified visible emissions evaluator determine the opacity of the visible emissions being discharged into the ambient air using the techniques specified in EPA Reference Method 9.

If the Permittee observes visible emissions, the initial Method 9 opacity reading shall be taken within twenty-four (24) hours of observing visible emissions. If the emitting equipment is not operating on the day that the initial Method 9 opacity reading is required to be taken, then the initial Method 9 opacity reading shall be taken the next day that the emitting equipment is in operation. If the problem causing the visible emissions is corrected before the initial Method 9 opacity reading is required to be performed, and there are no visible emissions (excluding uncombined water) observed from the previously emitting equipment while the equipment is in normal operation, the Permittee shall not be required to conduct the Method 9 opacity readings.

Follow-up Method 9 opacity readings shall be performed by a certified visible emissions evaluator while the emitting equipment in its standard mode of operation in accordance with the following schedule:

- (a) Daily:
 - (1) Except as provided in paragraph 3 of this Permit Condition, a Method 9 opacity reading shall be conducted each day that the emitting equipment is operating until a minimum of 14 daily Method 9 readings have occurred.
 - (2) If the Method 9 opacity readings required by this Permit Condition are less than 20% for 14 consecutive days, the frequency of Method 9 opacity readings may be decreased

to weekly, in accordance with paragraph 2 of this Permit Condition.

- (b) Weekly:
 - (1) If the permittee has obtained 14 consecutive daily Method 9 readings which do not exceed 20% opacity, the frequency of Method 9 readings may be decreased to once per week for any week in which the equipment is operated.
 - (2) If the opacity measured during a weekly Method 9 reading exceeds 20%, the frequency of Method 9 opacity readings shall revert to daily, in accordance with paragraph 1 of this Permit Condition.
 - (3) If the opacity measured during the required weekly Method 9 readings never exceeds 20%, the Permittee shall continue to obtain weekly opacity readings until the requirements of paragraph 3 of this Permit Condition are met.
- (c) Cease Follow-up Method 9 Opacity Monitoring:
Regardless of the applicable monitoring schedule, follow-up Method 9 opacity readings may cease if the emitting equipment, while in its standard mode of operation, has no visible emissions, other than uncombined water, during every observation taken during a Method 9 procedure.

[County Rule 210 §302.1c]

5) Opacity Readings

- a) Opacity shall be determined by observations of visible emissions conducted in accordance with 40 CFR Part 60 Appendix A, Method 9.
- b) Opacity of visible emissions from intermittent sources as defined by County Rule 300 §201 shall be determined by observations conducted in accordance with 40 CFR Part 60 Appendix A, Method 9, except that at least 12 rather than 25 consecutive readings shall be required at 15-second intervals for the averaging time.

[40 CFR 60.11.b] [County Rule 300 §501]

[County Rule 300 §502] [locally enforceable only]

- 6) If visible emissions are observed from the baghouses and the problem isn't corrected within twelve (12) hours of the observation the Permittee shall investigate the problem, document the findings, and provide a description of the corrective action taken to bring the control device into proper operation. In addition, the Department may require the Permittee to submit a Corrective Action Plan (CAP).

[County Rule 200 § 309]

- 7) The Control Officer may require the CAP contain one or more of the following elements:
- a) Improved preventive maintenance practices.
 - b) Improved baghouse operating practices.
 - c) Process operation changes.
 - d) Other actions appropriate to improve baghouse performance.
 - e) Schedule for CAP implementation and periodic reporting on the progress of CAP implementation.

[County Rule 200 § 309]

- 8) Daily pressure differential readings shall be performed and recorded for each baghouse every day that the facility operates. The most recently approved O&M Plan requires the baghouse pressure differential to be between .3 to 7.0 inches of water. The Permittee shall log all pressure differential readings, including the date when the reading was taken, identify each baghouse, name or initials of the person who took the reading, and any other related information. The Permittee shall investigate the cause of any reading outside the range of .3 to 7.0 inches of water immediately to identify, correct or repair the problem and record in a log book the cause of the problem and the corrective action initiated to remedy the abnormal pressure differential reading.

[County Rule 311 §305]

- 9) If the frequency of measurement of a pressure differential outside the applicable pressure differential range of .3 to 7.0 inches of water or other information indicate that the baghouse is not being operated in accordance with the O&M plan most recently approved by the Control Officer, the Department may require the Permittee to submit a Corrective Action Plan (CAP).

[County Rule 200
§ 309]

B. County Rule 320 - Odors and Gaseous Air Contaminants (Permit Conditions 19.A.1), 2) and 3))

Discussion of Operational Limitations on Odors and Gaseous Air Contaminants

County Rule 320 §§300, 302 and 303, entitled "Standards", "Material Containment Required" and "Reasonable Stack Height Required", respectively, apply to this facility and have been incorporated into the permit conditions. Permit conditions based on County Rule 320 §300 are locally enforceable only.

C. Operational Requirements for Woodworking Equipment Vented Outdoors - County Rules 100 §301, 241 §302 and 311 §305 (Permit Condition 19.B))

Discussion of Requirements for Woodworking Equipment Vented Outdoors

Legends is required to install, operate and maintain an approved emissions control device on all woodworking equipment vented outdoors.

The Permittee has elected to comply with County Rule 311 through the operation of an approved emission control device. This requirement is consistent with that election. This requirement is also based on County Rules 100 §301, which prohibits air pollution, and 241 §302, which requires reasonably available control technology (RACT) with the installation of new equipment or modifications to old equipment. Currently, all woodworking equipment at Legends that is vented outdoors is vented to an approved baghouse. The Permittee is required to submit an application (modification) for the addition of new woodworking equipment. The modification will be reviewed, in part, for consistency with this requirement before approval.

Note that if the baghouse is down, the Permittee may still operate equipment normally vented to the device, as long as no emissions from the piece of equipment are vented outdoors.

D. County Rule 315 - Spray Coating (Permit Condition 19.D.)

The permit conditions associated with County Rule 315 - Spray Coating, discussed below, are locally enforceable only. Legends regularly uses spray-coating equipment to apply coating to wood furniture and fixtures. According to the application, the spray coating activity at Legends is currently conducted entirely inside the building, in two types of spray booth. Legends has automated spray machines with forced air exhaust. In addition to the automated spray machines, Legends has a stand alone spray booth used for stain defect touch-up; color matches to colors no longer in stock; new color development; special colors and hand-wiped colors; and very low volume colors. The stand alone spray booth also has forced air exhaust, but is served by a regular spray filter. The conditions for spray coating outside of buildings are included so that the Permittee may conduct such activities in the future if desired.

1) Spray Coating Outside Buildings inside Enclosures (Permit Condition 19.D.1a))

a) Discussion of Limitations on Spray Coating Outside of a Building, Inside an Enclosure

If the Permittee operates any spray coating equipment outside of a building, the Permittee is required to conduct such activities inside an enclosure with at least three sides a minimum eight feet in height. In addition, it is required that spraying in such enclosures be conducted so that overspray is directed at the walls or floor of the enclosure. No spraying shall be conducted within three feet of any open end and/or within two feet of the top of the enclosure.

b) Monitoring for Compliance with Limitations on Spray Coating Outside of a Building, Inside an Enclosure (Permit Condition 20.C.1))

Legends will monitor for compliance with these requirements by observing spraying activity inside any enclosure located outside of a

building each week to ensure that proper spraying techniques are used. The monitoring is not required any week that the Permittee does not spray in such enclosures.

- 2) Spray Coating with Forced Air Exhaust
 - a) Discussion on Limitations on Spray Coating with Forced Air Exhaust (**Permit Condition 19.D.1b**)
For spray coating equipment with forced air exhaust, County Rule 315 and the Permit require the use of a filtering system with an average overspray removal efficiency of 92% by weight. For regular filters, the Permit also requires that there be no gaps, sags or holes in the filters and that all exhaust is discharged to the atmosphere.
 - b) Monitoring for Compliance: Spray Coating with Forced Air Exhaust (**Permit Condition 20.C.2) and 3)**
According to manufacturer's information provided in the application, the spray filters at Legends have average paint removal efficiencies for various materials ranging from 93% to 98%. To monitor for compliance with the requirements for spray booths with forced air exhaust, Legends will continue to maintain information indicating the removal efficiency of the spray filters on site. Because spray coating wood furniture and fixtures is a main activity conducted by this facility, an inspection of the dry filters for gaps, sags or holes is required on each spray booth, each day the booth operates. Legends is required to record the result of the inspections.

E. Reporting Requirements (**Permit Condition 21**)

Reporting requirements for Legends are found in the General Conditions of the permit (Subsections 1-17), Subsection 21 of the permit, and in each of the Subsections 22 - 25.

Subsection 21.A requires the submission of a semi-annual monitoring report, including deviation reporting. That section of the report should be very detailed and should include information such as any day, week or month that any monitoring was required but not performed, a reason for those deviations, and any action taken to ensure that the monitoring will be performed in the future. Additionally, deviations from specified operating ranges or emission limitations or standards should be included, with any additional information.

F. Compliance Plan (**Permit Condition 25**)

The compliance is added to Legends permit to address the non-compliance with SIP Rule 21.D.

The Permittee shall re-submit a permit application to the Department and EPA Region IX for the installation of the equipment contained in the August 31, 1999 minor permit revision by no later than September 21, 2004 to demonstrate whether or

not the modification resulted in a net significant emission increase. The application shall include, but is not limited to:

A. A comprehensive analysis of the emission changes at the facility as a result of the modification. The analysis shall include emission changes from all equipment affected by the modification including, but not limited to spray booths and woodworking equipment.

B. A past actual to future potential calculation shall be performed to calculate the net emission increase resulting from the modification.

C. If appropriate, a compliance schedule including milestones for the installment and operation of any required control equipment.

IV. POTENTIALLY APPLICABLE REQUIREMENTS

This permit contains conditions for Solvent Cleaning (County Rule 331), Abrasive Blasting (County Rule 312), Architectural Coating (County Rule 335) and Cutback and Emulsified Asphalt (County Rule 340). These permit conditions have been included to make the Permittee aware of the applicable requirements should these activities be conducted at the facility. According to the application, County Rule 310 does not apply to this facility and all outdoor areas are paved.

Note that the "list" mentioned in the Architectural Coating monitoring section (**Permit Condition 23**) could simply be a compilation of current MSDS sheets.

V. HAPS MODELING

Screen3 modeling was conducted for Toluene, Xylene, Glycol Ether, Methanol, Ethyl Benzene, MEK, and Naphthalene according to MCESD "Air Toxics/Hazardous Air Pollutant Permitting Procedures" (2/29/00 Draft). Toluene emission rate is the highest of the other HAPS per the application. The maximum concentration of Toluene for the 1hr concentration is 50.96 ug/m³ for the 24hr, and 10.19ug/m³ for the annual per the screen3 results. When compare to the AAAQGs of 4400 ug/m³ for 1hr, 3000ug/m³ for 24hr, and no annual guidance number. The 1hr, 24hr, and annual concentrations are not exceeded. Xylene's 1hr concentration is 5.95 ug/m³, 24hr concentration is 2.34 ug/m³, and annual concentration is .476 ug/m³. MEK's 1hr concentration is 60 ug/m³, 24hr concentration is 24 ug/m³, and annual concentration is 4.8 ug/m³. Glycol Ether and Methanol, Ethyl benzene, and Naphthalene's 1hr concentration is 2.38 ug/m³, 24hr concentration is .952 ug/m³, and annual concentration is .191 ug/m³. Comparing these numbers to the AAAQG's listed in the table below the above listed HAPs do not exceed the AAAQG's.

Legends Furniture, Inc.

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Appendix A: Equipment List
May 21, 2003

	Toluene	Toluene	Xylene	Glycol Ether	Methanol	Ethyl Benzene	MEK	Naphthalene
Ug/m ³	Predicted	AAAQGs	AAAQGs	AAAQGs	AAAQGs	AAAQGs	AAAQGs	AAAQGs
Max 1-hr	127.4	4400	5400	3600	2600	4500	7400	630
24 hr	50.96	3000	3500	950	2100	3500	4700	400
Annual	10.19	No Listing	No Listing	No Listing	No Listing	No Listing	270	No Listing

VI. DELAYED APPLICABLE REGULATIONS

Compliance Assurance Monitoring (CAM) (40 CFR 64)

Legends submitted a complete Title V application before April 19, 1998 and is not major after controls therefore CAM is delayed until the permit is reopened or renewed.